

FILE 'CAPLUS' ENTERED AT 17:36:18 ON 09 JUL 2007

L1 224 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE"  
L2 174 S L1 AND PY<=2003  
L3 1 S L2 AND 2-DEOXYGLUCOSE  
L4 0 S L2 AND (PHOTODYNAMIC OR PHOTSENSITIVE)  
L5 5 S L2 AND (DIAGNOSTIC OR DIAGNOSIS)  
L6 47 S "GLUCOSAMINE CONJUGATE"  
L7 32 S L6 AND PY<=2003

FILE 'STNGUIDE' ENTERED AT 17:40:47 ON 09 JUL 2007

FILE 'CAPLUS' ENTERED AT 17:45:07 ON 09 JUL 2007

FILE 'MEDLINE' ENTERED AT 17:49:55 ON 09 JUL 2007

L8 69 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMI  
L9 45 S L8 AND PY<=2003

FILE 'BIOSIS' ENTERED AT 17:50:50 ON 09 JUL 2007

L10 121 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMI  
L11 104 S L10 AND PY<=2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTALDB1623

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format  
NEWS 3 MAR 16 CASREACT coverage extended  
NEWS 4 MAR 20 MARPAT now updated daily  
NEWS 5 MAR 22 LWPI reloaded  
NEWS 6 MAR 30 RDISCLOSURE reloaded with enhancements  
NEWS 7 APR 02 JICST-EPLUS removed from database clusters and STN  
NEWS 8 APR 30 GENBANK reloaded and enhanced with Genome Project ID field  
NEWS 9 APR 30 CHEMCATS enhanced with 1.2 million new records  
NEWS 10 APR 30 CA/CAPLUS enhanced with 1870-1889 U.S. patent records  
NEWS 11 APR 30 INPADOC replaced by INPADOCDB on STN  
NEWS 12 MAY 01 New CAS web site launched  
NEWS 13 MAY 08 CA/CAPLUS Indian patent publication number format defined  
NEWS 14 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields  
NEWS 15 MAY 21 BIOSIS reloaded and enhanced with archival data  
NEWS 16 MAY 21 TOXCENTER enhanced with BIOSIS reload  
NEWS 17 MAY 21 CA/CAPLUS enhanced with additional kind codes for German patents  
NEWS 18 MAY 22 CA/CAPLUS enhanced with IPC reclassification in Japanese patents  
NEWS 19 JUN 27 CA/CAPLUS enhanced with pre-1967 CAS Registry Numbers  
NEWS 20 JUN 29 STN Viewer now available  
NEWS 21 JUN 29 STN Express, Version 8.2, now available  
NEWS 22 JUL 02 LEMBASE coverage updated  
NEWS 23 JUL 02 LMEDLINE coverage updated  
NEWS 24 JUL 02 SCISEARCH enhanced with complete author names  
NEWS 25 JUL 02 CHEMCATS accession numbers revised  
NEWS 26 JUL 02 CA/CAPLUS enhanced with utility model patents from China

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 17:36:13 ON 09 JUL 2007

=> file caplus  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 17:36:18 ON 09 JUL 2007  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 9 Jul 2007 VOL 147 ISS 3  
FILE LAST UPDATED: 8 Jul 2007 (20070708/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

```
=> s "glucose conjugate" or "deoxyglucose conjugate"
    426030 "GLUCOSE"
      825 "GLUCOSES"
    426210 "GLUCOSE"
          ("GLUCOSE" OR "GLUCOSES")
    69573 "CONJUGATE"
    62498 "CONJUGATES"
    108304 "CONJUGATE"
          ("CONJUGATE" OR "CONJUGATES")
      220 "GLUCOSE CONJUGATE"
          ("GLUCOSE" (W) "CONJUGATE")
    8514 "DEOXYGLUCOSE"
      24 "DEOXYGLUCOSES"
    8526 "DEOXYGLUCOSE"
          ("DEOXYGLUCOSE" OR "DEOXYGLUCOSES")
    69573 "CONJUGATE"
    62498 "CONJUGATES"
    108304 "CONJUGATE"
          ("CONJUGATE" OR "CONJUGATES")
      5 "DEOXYGLUCOSE CONJUGATE"
          ("DEOXYGLUCOSE" (W) "CONJUGATE")
L1      224 "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE"

=> s l1 and py<=2003
    23933273 PY<=2003
L2      174 L1 AND PY<=2003

=> s l2 and 2-deoxyglucose
    9211811 2
      8514 DEOXYGLUCOSE
      24 DEOXYGLUCOSES
      8526 DEOXYGLUCOSE
          (DEOXYGLUCOSE OR DEOXYGLUCOSES)
    5840 2-DEOXYGLUCOSE
```

(2(W)DEOXYGLUCOSE)

L3 1 L2 AND 2-DEOXYGLUCOSE

=> d

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN  
AN 2003:836787 CAPLUS  
DN 139:333096  
TI Conjugates containing a cancer cell-specific ligand, a sugar, and a cancer  
chemotherapeutic agent or boron neutron capture therapy agent, and  
therapeutic use  
IN Holick, Michael F.; Ramanathan, Halasya  
PA A & D Bioscience, Inc., USA  
SO PCT Int. Appl., 27 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003086312	A2	20031023	WO 2003-US11374	20030414 <--
	WO 2003086312	A3	20040902		
	W: CA, US				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,				
	IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	US 2005233949	A1	20051020	US 2004-510827	20041015
PRAI	US 2002-371674P	P	20020412		
	WO 2003-US11374	W	20030414		

=> s 12 and (photodynamic or photosensitive)

14278 PHOTODYNAMIC  
497 PHOTODYNAMICS  
14614 PHOTODYNAMIC  
(PHOTODYNAMIC OR PHOTODYNAMICS)  
58737 PHOTSENSITIVE  
13 PHOTSENSITIVES  
58741 PHOTSENSITIVE  
(PHOTSENSITIVE OR PHOTSENSITIVES)

L4 0 L2 AND (PHOTODYNAMIC OR PHOTSENSITIVE)

=> s 12 and (diagnostic or diagnosis)

103072 DIAGNOSTIC  
29822 DIAGNOSTICS  
125022 DIAGNOSTIC  
(DIAGNOSTIC OR DIAGNOSTICS)  
184412 DIAGNOSIS  
1 DIAGNOSISES  
3605 DIAGNOSES  
186379 DIAGNOSIS  
(DIAGNOSIS OR DIAGNOSISES OR DIAGNOSES)

L5 5 L2 AND (DIAGNOSTIC OR DIAGNOSIS)

=> d 15 1-5 ibib abs

L5 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2003:836910 CAPLUS  
DOCUMENT NUMBER: 139:341722  
TITLE: Conjugates comprising cancer cell specific ligands, a  
sugar and diagnostic agents, and uses  
thereof  
INVENTOR(S): Holick, Michael F.; Ramanathan, Halasya  
PATENT ASSIGNEE(S): A & D Bioscience, Inc., USA  
SOURCE: PCT Int. Appl., 26 pp.  
CODEN: PIXXD2



DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003086475	A1	20031023	WO 2003-US11372	20030414 <--
W: CA, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
US 2005255038	A1	20051117	US 2004-510824	20041012
PRIORITY APPLN. INFO.:			US 2002-371672P	P 20020412
			WO 2003-US11372	W 20030414

AB Disclosed are conjugates comprising cancer cell specific ligands (eg cyclic peptides), a sugar and diagnostic agents, and uses thereof, e.g. for imaging cancer cells and tumors in vivo. By linking a cancer cell targeting agent to a sugar residue linked to a diagnostic agent one obtains a conjugate that offers many advantages. The bond between the diagnostic agent and sugar may be cleaved in situ to release the agent. The diagnostic agent may be targeted to the cadherin units on cancer cells and thus be monitored by MRI or PET techniques.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:832658 CAPLUS  
DOCUMENT NUMBER: 137:334689  
TITLE: Tc and Re labeler radioactive glycosylated octreotide derivatives  
INVENTOR(S): Wester, Hans-Jurgen; Schottelius, Margret; Schwaiger, Markus  
PATENT ASSIGNEE(S): Mallinckrodt Inc., USA  
SOURCE: PCT Int. Appl., 30 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085418	A2	20021031	WO 2002-US12565	20020423 <--
WO 2002085418	A3	20030912		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2443273	A1	20021031	CA 2002-2443273	20020423 <--
AU 2002254691	A1	20021105	AU 2002-254691	20020423 <--
EP 1381396	A2	20040121	EP 2002-723932	20020423
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
HU 200303987	A2	20040301	HU 2003-3987	20020423
BR 2002009074	A	20040810	BR 2002-9074	20020423
JP 2005514321	T	20050519	JP 2002-582991	20020423
US 2006165593	A1	20060727	US 2004-475696	20040514
PRIORITY APPLN. INFO.:			EP 2001-201466	A 20010423

AB Improved sst-receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine are provided. The improved ligands contain either natural or unnatural amino acids or peptidomimetic structures that are modified at either the N-terminal or the C-terminal end or at both termini, a carbohydrate unit and a chelator or prosthetic group to provide a complexation of a radioisotope binding or holding the radioisotope. The sst- or SSTR- receptor binding peptidic ligands may also contain one or more multifunctional linker units optionally coupling the peptide, and/or the sugar moiety and/or the chelator and/or the prosthetic group. Upon administering the ligand to a mammal through the blood system the ligand provides improved availability, clearance kinetics, sst-receptor targeting and internalization over the non-carbohydrated ligands.

L5 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1994:211644 CAPLUS

DOCUMENT NUMBER: 120:211644

TITLE: System for delivery of diagnostic or therapeutic agents to the lymphatic tissues

INVENTOR(S): Papisov, Mikhail I.; Brady, Thomas J.

PATENT ASSIGNEE(S): General Hospital Corp., USA

SOURCE: PCT Int. Appl., 80 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9402068	A1	19940203	WO 1993-US6848	19930721 <--
W:	AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, VN			
RW:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
AU 9347788	A	19940214	AU 1993-47788	19930721 <--
JP 07509467	T	19951019	JP 1994-504662	19930721 <--
PRIORITY APPLN. INFO.:			US 1992-917707	A 19920721
			WO 1993-US6848	W 19930721

AB A substance for diagnosis or therapy of an animal includes an agent which is detectable or therapeutically active, the agent being linked to a carrier which is linked to a targeting site, whereby the agent accumulates in the lymphatic system of the animal to a greater degree than if the targeting site were absent. The carrier is e.g. a polypeptide or polysaccharide or other polymer; the targeting site is e.g. a carbohydrate (dextran, starch, etc.). Dextran-grafted poly-L-lysine[111In-DTPA] (synthesis protocol described) was injected into rats and rabbits and  $\gamma$ -scintigraphic images were obtained. Preparation and testing of other dextran-grafted polylysine derivs. are also described.

L5 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1990:606233 CAPLUS

DOCUMENT NUMBER: 113:206233

TITLE: Cloning and expression of cDNA for human membrane-bound  $\beta$ -1,4-galactosyltransferase

INVENTOR(S): Fukuda, Michiko N.; Appert, Hubert A.

PATENT ASSIGNEE(S): La Jolla Cancer Research Foundation, USA

SOURCE: PCT Int. Appl., 30 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9007000	A2	19900628	WO 1989-US5128	19891116 <--
WO 9007000	A3	19900809		
W: AU, JP				
RW: AT, BE, CH, DE, ES, FR, GB, IT, LU, NL, SE				
AU 9047519	A	19900710	AU 1990-47519	19891116 <--
CA 2003797	A1	19900613	CA 1989-2003797	19891124 <--
PRIORITY APPLN. INFO.:			US 1988-283732	A 19881213
			WO 1989-US5128	A 19891116

AB A full-length cDNA encoding the membrane-bound form of  $\beta$ -1,4-galactosyltransferase from human Golgi bodies is cloned and expressed in Escherichia coli and antibodies raised to peptides from the protein. The enzyme is involved in post-translational modification of proteins and there are pathol. consequences from deficiencies in the enzyme (congenital dyserythropoietic anemia type II). The full-length cDNA was constructed from a pair of overlapping clones from a human placental cDNA library in  $\lambda$ gt11 and expressed in E. coli using pIN-III-ompA3 as the expression vector. Antibodies to a peptide from the carboxy-terminal region of the protein were raised in rabbits by conventional methods.

L5 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1989:54133 CAPLUS

DOCUMENT NUMBER: 110:54133

TITLE: A method for ascertaining the history of a condition of the body from a single blood sample by comparing hemoglobin and glycohemoglobins of individual blood cells

INVENTOR(S): Saunders, Alexander M.

PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 38 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8802782	A1	19880421	WO 1987-US2626	19871014 <--
W: JP				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
US 4835097	A	19890530	US 1986-918934	19861015 <--
EP 329682	A1	19890830	EP 1987-907193	19871014 <--
EP 329682	B1	19940309		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 02500463	T	19900215	JP 1987-506601	19871014 <--
AT 102656	T	19940315	AT 1987-907193	19871014 <--
CA 1340365	C	19990202	CA 1989-593958	19890316 <--
PRIORITY APPLN. INFO.:			US 1986-918934	A 19861015
			EP 1987-907193	A 19871014
			WO 1987-US2626	W 19871014

AB A historical time series anal. is obtained from a single sample of blood by measurement of Hb and an altered Hb, e.g., glycoHb, on a cell-by-cell basis. The results are compared by ratio of glycoHb to Hb on a cell-by-cell basis. Since the alteration of Hb is continuous and irreversible, the ordered set of ratios represents a time-series of the cells, and any deviation from normal will be readily apparent. A time-series can also be derived for other constituents, the time series representing historical data of the other constituents in the person from whom the blood sample was taken. These series can be used to evaluate a patient's condition, e.g. diabetes, or to monitor a patient's conformance to a prescribed drug regimen. A portion of a blood sample from a diabetic

(free of blood loss for 120 days) was washed, fixed to a microscope slide, dried, washed, immersed in 0.5% periodic acid, washed, immersed in a Schiff solution containing acriflavine HCl (fluoresces at 540 nm), and washed. It was then stained with bromophenol blue (fluoresces at 620 nm, 0-2 g %), washed in MeOH and dried. Cell-by-cell measurements (104) were made of fluorescence and the two ratios ordered from smallest to largest. A histogram of weekly control of blood sugar was made by grouping the ordered ratios in groups of 600, calculating the average, and subtracting each average from the next higher average. The histogram was then examined by a physician for abnormal variations.

```
=> s "glucosamine conjugate"
      22065 "GLUCOSAMINE"
      326 "GLUCOSAMINES"
      22168 "GLUCOSAMINE"
            ("GLUCOSAMINE" OR "GLUCOSAMINES")
      69573 "CONJUGATE"
      62498 "CONJUGATES"
      108304 "CONJUGATE"
            ("CONJUGATE" OR "CONJUGATES")
L6      47 "GLUCOSAMINE CONJUGATE"
            ("GLUCOSAMINE" (W) "CONJUGATE")
```

=> d scan

```
L6      47 ANSWERS    CAPLUS    COPYRIGHT 2007 ACS on STN
CC      8-9 (Radiation Biochemistry)
      Section cross-reference(s): 63
TI      Compounds for fluorescent imaging of tumors
ST      cyanine dye glucosamine conjugate tumor fluorescent
      imaging
IT      Mammary gland, neoplasm
      (carcinoma; compds. for fluorescent imaging of tumors)
IT      Cyanine dyes
      Human
      Imaging agents
      Melanoma
      Neoplasm
      (compds. for fluorescent imaging of tumors)
IT      Imaging
      (fluorescent; compds. for fluorescent imaging of tumors)
IT      Neuroglia, neoplasm
      (glioblastoma; compds. for fluorescent imaging of tumors)
IT      Carcinoma
      (mammary; compds. for fluorescent imaging of tumors)
IT      880765-44-6DP, cyanine dye conjugate 910482-47-2P
      RL: DGN (Diagnostic use); PKT (Pharmacokinetics); PRP (Properties); SPN
      (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES
      (Uses)
      (compds. for fluorescent imaging of tumors)
IT      3416-24-8, D-Glucosamine 910482-46-1
      RL: RCT (Reactant); RACT (Reactant or reagent)
      (compds. for fluorescent imaging of tumors)
```

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

```
=> s 16 and py<=2003
      23933273 PY<=2003
L7      32 L6 AND PY<=2003

=> d 17 1-32 ibib abs
```

## L7 ANSWER 1 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:458138 CAPLUS  
 DOCUMENT NUMBER: 141:289009  
 TITLE: Conjugate of antitumor cantharidin  
 analogue-glucosamine, its preparation and application  
 INVENTOR(S): Jiang, Tao; Zou, Daishu; Guan, Huashi  
 PATENT ASSIGNEE(S): Qingdao University of Oceanography, Peop. Rep. China  
 SOURCE: Faming Zhuanti Shengqing Gongkai Shuomingshu, 6 pp.  
 CODEN: CNXXEV  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Chinese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1398591	A	20030226	CN 2002-135401	20020802 <--
PRIORITY APPLN. INFO.:			CN 2002-135401	20020802

AB The conjugate of antitumor cantharidin analog-glucosamine is prepared by coupling cantharidin analog with glucosamine or its derivative (such as tetra-O-acetylglucosamine or tetra-O-benzoylglucosamine) in organic solvent in the presence of dehydrating agent (such as DCC). The conjugate may be used as antitumor agent.

## L7 ANSWER 2 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:967928 CAPLUS  
 DOCUMENT NUMBER: 140:31447  
 TITLE: New agents for magnetic imaging method  
 INVENTOR(S): Aime, Silvio; Cabella, Claudia; Crich, Simonetta  
 Geninatti; Mainero, Valentina  
 PATENT ASSIGNEE(S): Bracco Imaging S.p.A., Italy  
 SOURCE: Eur. Pat. Appl., 23 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1369134	A1	20031210	EP 2002-12531	20020605 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
WO 2003103722	A1	20031218	WO 2003-EP5761	20030602 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003238192	A1	20031222	AU 2003-238192	20030602 <--
EP 1509254	A1	20050302	EP 2003-735518	20030602
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2005175543	A1	20050811	US 2003-516781	20030602
JP 2005528453	T	20050922	JP 2004-510841	20030602
PRIORITY APPLN. INFO.:			EP 2002-12531	A 20020605
			WO 2003-EP5761	W 20030602

AB The invention provides MRI detectable species of formula (I) Dp-Sn-Nm wherein D is a MRI detectable moiety S is a spacer N is a mol. of a nutrient or pseudo-nutrient n is 0 or an integer, m is an integer, and p

is an integer. These compds. are useful for internalizing into tumor cells an amount of the MRI detectable moiety that is distinguishably higher than the amount internalized in normal healthy cells thus allowing the diagnosis of tumors. Preferred compds. of formula (I) are those wherein D is the chelated complex of a paramagnetic metal ion. In this case when the paramagnetic metal ion is a neutron capture isotope, e.g. <sup>157</sup>Gd, the new compds. can also be used for the treatment of the tumor, by selective irradiation of the tumor mass.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:912943 CAPLUS

DOCUMENT NUMBER: 139:386404

TITLE: Conjugates comprising a central nervous system-active drug linked to glucuronic acid or glucosamine through an amide bond and uses thereof

INVENTOR(S): Holick, Michael F.; Ramanathan, Halasya

PATENT ASSIGNEE(S): A & D Bioscience, Inc., USA

SOURCE: PCT Int. Appl., 25 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003094842	A2	20031120	WO 2003-US14050	20030507 <--
WO 2003094842	A3	20040325		
W: CA, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
CA 2484891	A1	20031120	CA 2003-2484891	20030507 <--
EP 1549323	A2	20050706	EP 2003-750065	20030507
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK				
US 2005153928	A1	20050714	US 2003-512848	20030507
PRIORITY APPLN. INFO.:			US 2002-378333P	P 20020507
			WO 2003-US14050	W 20030507

AB Conjugates comprising a central nervous system-active drug linked through an amide bond to a glucuronic acid or glucosamine moiety, and their uses, e.g., for passing across the blood-brain barrier and treating or ameliorating central nervous system diseases or disorders are described. For example, valproyl-2-glucosamine was prepared in a 60% yield by reaction of valproic acid and 1,3,4,6-tetra-O-acetyl-D-glucosamine.

L7 ANSWER 4 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:836910 CAPLUS

DOCUMENT NUMBER: 139:341722

TITLE: Conjugates comprising cancer cell specific ligands, a sugar and diagnostic agents, and uses thereof

INVENTOR(S): Holick, Michael F.; Ramanathan, Halasya

PATENT ASSIGNEE(S): A & D Bioscience, Inc., USA

SOURCE: PCT Int. Appl., 26 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003086475	A1	20031023	WO 2003-US11372	20030414 <--
W: CA, US				

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,  
IT, LU, MC, NL, PT, RO, SE, SI, SK, TR

US 2005255038 A1 20051117 US 2004-510824 20041012  
PRIORITY APPLN. INFO.: US 2002-371672P P 20020412  
WO 2003-US11372 W 20030414

AB Disclosed are conjugates comprising cancer cell specific ligands (eg cyclic peptides), a sugar and diagnostic agents, and uses thereof, e.g. for imaging cancer cells and tumors in vivo. By linking a cancer cell targeting agent to a sugar residue linked to a diagnostic agent one obtains a conjugate that offers many advantages. The bond between the diagnostic agent and sugar may be cleaved in situ to release the agent. The diagnostic agent may be targeted to the cadherin units on cancer cells and thus be monitored by MRI or PET techniques.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:796502 CAPLUS  
DOCUMENT NUMBER: 139:312418  
TITLE: Compositions and methods for treating cancer  
INVENTOR(S): Tidmarsh, George; Matteucci, Mark; Rao, Photon  
PATENT ASSIGNEE(S): Threshold Pharmaceuticals, Inc., USA  
SOURCE: PCT Int. Appl., 76 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003082301	A1	20031009	WO 2003-US9492	20030328 <--
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003230750	A1	20031013	AU 2003-230750	20030328 <--
US 2004029815	A1	20040212	US 2003-402778	20030328
US 7001888	B2	20060221		
US 2006142207	A1	20060629	US 2005-293042	20051201
PRIORITY APPLN. INFO.:			US 2002-429287P P 20020329	
			US 2003-402778 A1 20030328	
			WO 2003-US9492 W 20030328	

OTHER SOURCE(S): MARPAT 139:312418

AB Methods and compns. are provided for the treatment of cancer that take advantage of the increased uptake of glucose-antineoplastic agent conjugates in cancer cells relative to normal cells. Conjugates were prepared from glucoamine derivs. and an anticancer agent (such as camptothecin or methotrexate or radioisotopes of iodine). Thus, capsules contained the conjugate 20.0, Mg stearate 0.9, starch 8.6, lactose 79.6, and PVP 0.9%.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:376654 CAPLUS  
DOCUMENT NUMBER: 138:390922  
TITLE: Arsenide compound system for selective targeting of apoptotic cells

INVENTOR(S): Hogg, Philip John  
 PATENT ASSIGNEE(S): Unisearch Limited, Australia  
 SOURCE: PCT Int. Appl., 85 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003039564	A1	20030515	WO 2002-AU1523	20021108 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2466303	A1	20030515	CA 2002-2466303	20021108 <--
AU 2002340631	A1	20030519	AU 2002-340631	20021108 <--
EP 1453525	A1	20040908	EP 2002-774165	20021108
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
JP 2005511598	T	20050428	JP 2003-541855	20021108
US 2005101524	A1	20050512	US 2003-494822	20021108
ZA 2004003803	A	20060329	ZA 2004-3803	20040518
PRIORITY APPLN. INFO.:			AU 2001-8746	A 20011108
			WO 2002-AU1523	W 20021108

OTHER SOURCE(S): MARPAT 138:390922

AB The invention discloses a method of selectively targeting an active agent (or agent capable of becoming an active agent) to apoptotic cells in a vertebrate, comprising administering to the vertebrate a system comprising an arsenoxide (or arsenoxide equivalent) compound and the agent, wherein the system selectively targets apoptotic cells. Preparation of e.g. 4-[N-(S-glutathionylacetyl)amino]phenylarsenoxide is described.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:554553 CAPLUS

DOCUMENT NUMBER: 137:245732

TITLE: Comparison of alteration of cell surface carbohydrates of the chinchilla tubotympanum and colonial opacity phenotype of Streptococcus pneumoniae during experimental pneumococcal otitis media with or without an antecedent influenza A virus infection

AUTHOR(S): Tong, H. H.; Grants, I.; Liu, X.; DeMaria, T. F.

CORPORATE SOURCE: Department of Otolaryngology, College of Medicine and Public Health, The Ohio State University, Columbus, OH, 43210, USA

SOURCE: Infection and Immunity (2002), 70(8), 4292-4301

CODEN: INFIBR; ISSN: 0019-9567

PUBLISHER: American Society for Microbiology

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Exptl. and clin. studies suggest that influenza A virus promotes Streptococcus pneumoniae-induced otitis media; however, the mechanism underlying this synergistic interaction has not been completely defined. In this study, glycoconjugate expression patterns were evaluated on the cell surface in the chinchilla eustachian tube (ET) lumen of a cohort



challenged intranasally (i.n.) with *S. pneumoniae* type 6A, which is predominantly transparent and a cohort with an antecedent influenza A virus infection, followed by i.n. inoculation with *S. pneumoniae*. The labeling patterns obtained with six lectin probes revealed that the binding of *Bandeiraea simplicifolia* lectin II, succinylated wheat germ agglutinin, and peanut agglutinin were significantly increased in the luminal surface of the ET in the cohort infected with both pathogens compared to the cohort inoculated with only *S. pneumoniae*, which indicated that N-acetylglucosamine (GlcNAc) and D-galactose residues were exposed. A significant decreased labeling with *Sambucus nigra* agglutinin in the combined influenza A virus and pneumococcus infection cohort suggested that there were few sialic acid residues remaining in the ET epithelium. In addition, the colonial opacity of *S. pneumoniae* during the disease course was examined. The opaque phenotype was predominant among the pneumococcus isolates from the middle-ear fluid in the cohort infected with the both pathogens. Together, these data suggest that the synergic effect of influenza A virus and *S. pneumoniae* on the changes of the carbohydrate moieties in the ET epithelium and that the selection of the opaque variant may facilitate the pneumococcal invasion of the middle ear.

REFERENCE COUNT: 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 8 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:936086 CAPLUS

DOCUMENT NUMBER: 136:42814

TITLE: Photosensitizers with ligand targeting properties for tumor therapy

INVENTOR(S): Moser, Jorg G.

PATENT ASSIGNEE(S): Ceramoptec Industries, inc., USA

SOURCE: U.S. Pat. Appl. Publ., 9 pp., Cont.-in-part of U.S. Ser. No. 599,660.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

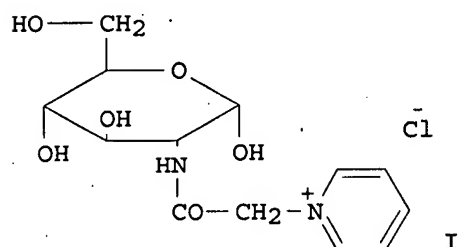
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2001056065	A1	20011227	US 2000-745458	20001221 <--
US 6806284	B1	20041019	US 2000-599660	20000622
WO 2001097814	A1	20011227	WO 2001-US20086	20010622 <--
W: BR, CA, JP, KR				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
EP 1309330	A1	20030514	EP 2001-952201	20010622 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
PRIORITY APPLN. INFO.:		US 2000-599660	A2	20000622
		US 2000-745458	A	20001221
		WO 2001-US20086	W	20010622

AB The present invention provides a drug delivery system wherein a "parachute" structure is coupled to a therapeutic compound. The "parachute" structure comprises hydrophilic branched mol. fragments, or a cyclodextrin moiety, with a defined action diameter. The complex (a parachute structure coupled with a therapeutic compound) is either fixed at a cell membrane or delivered to a defined distance from the membrane within the cell. The membrane-anchoring/localizing effect of the parachute is achieved by hydrophilic structures linked with a branching unit of desired therapeutic compds. Furthermore, the parachute structures can be connected by a spacer (e.g.  $\beta$ -amino acids,  $\gamma$ -amino butyric acid, or poly-amino acids) instead of directly binding to the therapeutic compound, so that the therapeutic compds. can be localized within the cells at a defined distance from the cell membrane. A spacer containing a breaking point can determine the time span, during which the drug exhibits its therapeutic

activity. The hydrophilic residues can also carry signals for targeting the parachute-therapeutic complex to a defined tissue type. This can be mediated by an antibody which is specific for a tumor marker. Alternatively, a biotin can be attached at C6 position of the sugar and then react with an avidin-labeled tumor-specific antibody. The parachute function may also be achieved by other, more bulky hydrophilic structures such as oligosaccharides connected to the branching unit. Such sugar oligomers have specific attachment points to cell selecting, and therefore do not need addnl. mol. structures to target a specific tumor tissue. The use of the parachute structure gives the advantages of being able to localize a photosensitizer or chemotherapeutic drug at the site within a cell where it can destroy the tumor cell most effectively. This reduces the level of necessary systemic doses of the drugs, promotes drug excretion, and therefore considerably reduces side effects of the therapy.

L7 ANSWER 9 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2001:931446 CAPLUS  
 DOCUMENT NUMBER: 137:190496  
 TITLE: Synthesis of quaternary ammonium-glucosamine conjugate  
 AUTHOR(S): Li, Yingxia; Song, Ni; Chu, Shidong; Guan, Huashi  
 CORPORATE SOURCE: Institute of Marine Drug, Ocean University of Qingdao, Tsingtao, 266003, Peop. Rep. China  
 SOURCE: Zhongguo Haiyang Yaowu (2001), 20(5), 9-10  
 CODEN: ZHYAE8; ISSN: 1002-3461  
 PUBLISHER: Shandongsheng Haiyang Yaowu Kexue Yanjiuso  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Chinese  
 GI



AB Quaternary ammonium-glucosamine conjugate (I) was prepared by a two-step procedure. First, condensation of glucosamine hydrochloride with chloro-acetic chloride in the presence of potassium bicarbonate in aqueous medium at 0° provided the N-chloroacetyl derivative in 74% yield. Subsequent reaction of this intermediate with pyridine at 40° for 3 days gave the pyridinium conjugate in 71% yield. The structures of compds. were confirmed by IR, NMR spectra and element anal.

L7 ANSWER 10 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2001:287764 CAPLUS  
 DOCUMENT NUMBER: 135:270894  
 TITLE: Lectin and proteoglycan histochemistry of Merkel cell carcinomas  
 AUTHOR(S): Samès, K.; Schumacher, U.; Halata, Z.; Van Damme, E. J. M.; Peumans, W. J.; Asmus, B.; Moll, R.; Moll, I.  
 CORPORATE SOURCE: Institut fur Anatomie, Universitätsklinikum Hamburg-Eppendorf, Hamburg, D-20246, Germany  
 SOURCE: Experimental Dermatology (2001), 10(2), 100-109  
 CODEN: EXDEEY; ISSN: 0906-6705  
 PUBLISHER: Munksgaard International Publishers Ltd.  
 DOCUMENT TYPE: Journal

LANGUAGE: English

AB Changes in carbohydrate residue expression and in proteoglycan distribution occur during different stages of tumor development and progression. However, few data concerning carbohydrate residue anal. as performed by lectin histochem. and proteoglycan distribution of Merkel cell carcinoma, a rare malignant tumor of the skin, have been reported. Hence, lectin- and proteoglycan immunohistochem. was performed on paraffin wax material of 9 cases of Merkel cell carcinomas characterized by cytokeratin and neurofilament immunohistochem. The lectin binding pattern of tumor cells varied between lectins with different sugar binding specificities, while within a given nominal sugar specificity intensities were remarkably similar between tumors from different patients. The most intensive reaction was observed using Con A (mannose/glucose-specific) followed by LCA with the same specificity and the N-Acetyl glucosamine-specific lectins (WGA, UDA, CMA), while no fucose binding sites were detected (UEA-I). In addition, N-Acetyl galactosamine residues were only occasionally detected. The lectin binding pattern of Merkel cell carcinoma cells indicated that predominantly N-linked glycans and not O-linked glycans, typical for mucins of most epithelia, were present. Hence these tumor cells were relatively undifferentiated and resembled stem cells more closely than differentiated epithelia. The tumor stroma was especially evaluated in this study and showed a lectin reaction, which was intermediate between the tumor cells and extra-tumoral stroma. For example, the reactions of N-Acetyl galactosamine-specific lectins were intensive in the extra-tumoral stroma but nearly neg. in tumor cells, while the lectin reaction of the intra-tumoral stroma was similar to the cellular reaction. These results indicated an influence of tumor cells on the stromal constituents. Antibodies against chondroitin type glycosaminoglycans reacted with the tumor stroma and the pericellular substance around the tumor cells most intensely in - and around the major tumor septae which, in general, were well vascularized. The most intensive immunoreactivity was detected using the chondroitin 6-sulfate antibody. The cellular and membrane-associated reaction for heparan sulfate was less intensive in comparison to epidermal cells. In conclusion the pattern of lectin-binding sites, the high chondroitin(sulfate) specific reactivity and the relatively low intensity of heparan sulfate immunohistochem. indicate a low degree of differentiation and high malignity of the tumors, which is consistent with the clin. behavior of Merkel cell carcinomas.

REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 11 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2001:2221 CAPLUS

DOCUMENT NUMBER: 134:242535

TITLE: Niosomes and polymeric chitosan based vesicles bearing transferrin and glucose ligands for drug targeting  
AUTHOR(S): Dufes, Christine; Schatzlein, Andreas G.; Tetley, Laurence; Gray, Alexander I.; Watson, Dave G.; Olivier, Jean-Christophe; Couet, William; Uchegbu, Ijeoma F.

CORPORATE SOURCE: Department of Pharmaceutical Sciences, Strathclyde Institute for Biomedical Sciences, University of Strathclyde, Glasgow, G4 0NR, UK

SOURCE: Pharmaceutical Research (2000), 17(10), 1250-1258

CODEN: PHREEB; ISSN: 0724-8741

PUBLISHER: Kluwer Academic/Plenum Publishers

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Polymeric vesicles and niosomes bearing glucose or transferrin ligands were prepared for drug targeting. A glucose-palmitoyl glycol chitosan (PGC) conjugate was synthesized and glucose-PGC polymeric vesicles prepared by sonication of glucose-PGC/ cholesterol. N-palmitoylglucosamine (NPG) was synthesized and NPG niosomes also prepared by sonication of NPG/ sorbitan

monostearate/ cholesterol/ cholesteryl poly-24-oxyethylene ether. These 2 glucose vesicles were incubated with colloidal Con A gold (Con-A gold), washed and visualized by transmission electron microscopy (TEM). Transferrin was also conjugated to the surface of PGC vesicles and the uptake of these vesicles investigated in the A431 cell line (over expressing the transferrin receptor) by fluorescent activated cell sorter anal. TEM imaging confirmed the presence of glucose units on the surface of PGC polymeric vesicles and NPG niosomes. Transferrin was coupled to PGC vesicles at a level of  $0.60 \pm 0.18$  g of transferrin per g polymer. The proportion of FITC-dextran pos. A431 cells was 42% (FITC-dextran solution), 74% (plain vesicles) and 90% (transferrin vesicles). Glucose and transferrin bearing chitosan based vesicles and glucose niosomes have been prepared. Glucose bearing vesicles bind Con-A to their surface. Chitosan based vesicles are taken up by A431 cells and transferrin enhances this uptake.

REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 12 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:365184 CAPLUS

DOCUMENT NUMBER: 133:129545

TITLE: Biological activity of chitosan-sugar hybrids: specific interaction with lectin

AUTHOR(S): Li, Xuebing; Tushima, Yohsuke; Morimoto, Minoru; Saimoto, Hiroyuki; Okamoto, Yoshiharu; Minami, Saburo; Shigemasa, Yoshihiro

CORPORATE SOURCE: Department of Materials Science, Faculty of Engineering, Tottori University, Tottori, 680-8552, Japan

SOURCE: Polymers for Advanced Technologies (2000), 11(4), 176-179

CODEN: PADTE5; ISSN: 1042-7147

PUBLISHER: John Wiley & Sons Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The specific interactions between lectins and chitosan-sugar hybrids, the synthesized chitosan derivs. linking carbohydrate residue to the amino group of chitosan, were investigated. The specific bindings of chitosan-L-fucose (Fuc) hybrid with Ulex europaeus agglutinin I (UEA I, a lectin specific to L-Fuc), and chitosan-N-acetyl-D-glucosamine (D-GlcNAc) hybrid with Con A (Con A, a lectin specific to D-glucose, D-mannose and D-GlcNAc), were confirmed by a surface plasmon resonance technique. The microscopic observation of Pseudomonas aeruginosa, which was preincubated with the fluorescein isothiocyanate-labeled chitosan-L-Fuc hybrid, showed bacteria aggregation. The aggregation was thought to be resulted from the specific interaction of the L-Fuc residue of the hybrid with PA-II lectin on the surface of P. aeruginosa. The chitosan-L-Fuc hybrid inhibited P. aeruginosa growth more effectively in comparison with the other hybrids or unmodified chitosan. The enhancement of antimicrobial activity of chitosan-L-Fuc hybrid could be attributed to the specific binding between PA-II lectin of P. aeruginosa and L-Fuc residue of the L-Fuc hybrid.

REFERENCE COUNT: 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 13 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:335887 CAPLUS

DOCUMENT NUMBER: 133:103980

TITLE: Functional Changes in  $\beta$ -Lactoglobulin by Conjugation with Cationic Saccharides

AUTHOR(S): Hattori, Makoto; Numamoto, Ken-ichi; Kobayashi, Kazuo; Takahashi, Koji

CORPORATE SOURCE: Department of Applied Biological Science Faculty of Agriculture, Tokyo University of Agriculture and Technology, Tokyo, 183-8509, Japan

SOURCE: Journal of Agricultural and Food Chemistry (

2000), 48(6), 2050-2056  
CODEN: JAFCAU; ISSN: 0021-8561  
American Chemical Society

PUBLISHER:  
DOCUMENT TYPE:  
LANGUAGE:

Journal  
English

AB Bovine  $\beta$ -lactoglobulin ( $\beta$ -LG) was conjugated to each of three cationic saccharides [glucosamine (GlcN), chitopentaose (CPO), and chitosan (CHS)] by means of a water-soluble carbodiimide or by the Maillard reaction in an effort to improve the functional properties of  $\beta$ -LG. The molar ratios of  $\beta$ -LG to the cationic saccharide in the  $\beta$ -LG-GlcN,  $\beta$ -LG-CPO, and  $\beta$ -LG-CHS conjugates were 2:1, 2:5, and 2:1, resp. Fluorescence studies indicated that the conformation around Trp had changed in each conjugate and that the surface of each of the conjugates was covered with a saccharide chain. Structural anal. using monoclonal antibodies indicated that the conformation around 15Val-29Ile ( $\beta$ -sheet region) in  $\beta$ -LG-GlcN and  $\beta$ -LG-CPO had changed but that in  $\beta$ -LG-CHS was maintained, whereas the conformation around 125Thr-135Lys ( $\alpha$ -helix region) in the conjugates had changed. The emulsifying activity of  $\beta$ -LG was improved by conjugation with CPO or CHS, and aggregation of  $\beta$ -LG was suppressed by conjugation with CHS. Reduction of the antigenicity and immunogenicity of  $\beta$ -LG was achieved by conjugation with CHS.

REFERENCE COUNT: 38 THERE ARE 38 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 14 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:111541 CAPLUS

DOCUMENT NUMBER: 132:284064

TITLE: Application to a Cartilage Targeting Strategy:  
Synthesis and in Vivo Biodistribution of  $^{14}\text{C}$ -Labeled  
Quaternary Ammonium-Glucosamine  
Conjugates

AUTHOR(S): Giraud, Isabelle; Rapp, Maryse; Maurizis, Jean-Claude;  
Madelmont, Jean-Claude

CORPORATE SOURCE: INSERM Unite 484, Clermont-Ferrand, 63005, Fr.

SOURCE: Bioconjugate Chemistry (2000), 11(2),  
212-218

CODEN: BCCHES; ISSN: 1043-1802

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

AB As part of a cartilage targeting program based on the affinity of the quaternary ammonium (QA) moiety for cartilage, QA derivs. of D-glucosamine (DG), an antirheumatic drug exhibiting a natural tropism for cartilaginous tissues, were designed and evaluated by pharmacokinetic studies. Two QA-DG conjugates were synthesized and labeled with  $^{14}\text{C}$  by crosslinking the QA entity (trimethylammonium or pyridinium) to [ $^{14}\text{C}$ ]DG via an amide bond in a two-step procedure. After i.v. injection to male Sprague-Dawley rats, the two  $^{14}\text{C}$ -labeled conjugates exhibited similar pharmacokinetic profiles, but their behavior clearly differed from that of unconjugated DG in several ways. (i) The tissue distribution for the conjugates was more restricted, with a decreased radioactivity level for whole tissues except for kidney, cartilage, and skin. (ii) The radioactivity concentrated more rapidly and strongly in cartilage for the conjugates than for DG for the short times after injection; on the other hand, 1 h after administration, the radioactivity level in cartilage was higher for DG, this result being consistent with the tropism already observed for this compound (iii) Both conjugates were eliminated predominantly by the urinary route (85%); the radioactivity level in urine for DG was lower (45% of the injected dose), and significant  $^{14}\text{CO}_2$  was found in expired air, indicating metabolism and utilization of DG for energy-consuming processes. (iv) Blood and plasma kinetics studies displayed an enterohepatic cycle for DG, whereas for the QA conjugates, a rapid disappearance was observed (v) HPLC analyses of plasma and urine indicated a low degree of metabolism for the conjugates, most of the radioactivity recovered in urine and plasma

corresponding to the unchanged mol. This study demonstrates that the introduction of the QA moiety on DG modifies its biodistribution and lends it a greater specificity for cartilage, at least for short times after injection. These findings justify further work on QA derivs. of other antirheumatic agents.

REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 15 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:496640 CAPLUS

DOCUMENT NUMBER: 132:61067

TITLE: Comparative effect of ALA derivatives on protoporphyrin IX production in human and rat skin organ cultures

AUTHOR(S): Casas, A.; Batlle, A. M. del C.; Butler, A. R.; Robertson, D.; Brown, E. H.; MacRobert, A.; Riley, P. A.

CORPORATE SOURCE: CIPYP, CONICET and University of Buenos Aires, Buenos Aires, Argent.

SOURCE: British Journal of Cancer (1999), 80(10), 1525-1532

CODEN: BJCAAI; ISSN: 0007-0920

PUBLISHER: Churchill Livingstone

DOCUMENT TYPE: Journal

LANGUAGE: English

AB Samples of human and rat skin in short-term organ culture exposed to ALA or a range of hydrophobic derivs. were examined for their effect on the accumulation of protoporphyrin IX (PpIX) measured using fluorescence spectroscopy. With the exception of carbobenzyloxy-D-phenylalanyl-5-ALA-Et ester the data presented indicate that, in normal tissues, ALA derivs. generate protoporphyrin IX more slowly than ALA, suggesting that they are less rapidly taken up and/or converted to free ALA. However, the resultant depot effect may lead to the enhanced accumulation of porphyrin over long exposure periods, particularly in the case of ALA-Me ester or ALA-hexyl ester, depending on the applied concentration and the exposed tissue. Addition of the iron chelator, CP94, greatly increased PpIX accumulation in human skin exposed to ALA, ALA-Me ester and ALA-hexyl ester. The effect in rat skin was less marked.

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 16 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:126376 CAPLUS

DOCUMENT NUMBER: 128:189187

TITLE: Delivery of nucleic acids to airway epithelial cells as complexes with glycosylated derivatives of polylysine

INVENTOR(S): Glick, Mary Catherine; Scanlin, Thomas F.; Kollen, Wouter J. W.

PATENT ASSIGNEE(S): Children's Hospital of Philadelphia, USA

SOURCE: PCT Int. Appl., 85 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9806869	A1	19980219	WO 1997-US14280	19970813 <--
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR,  
GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA,  
GN, ML, MR, NE, SN, TD, TG

US 5948681 A 19990907 US 1997-907673 19970808 <--  
AU 9740659 A 19980306 AU 1997-40659 19970813 <--  
PRIORITY APPLN. INFO.: US 1996-23941P P 19960814  
US 1997-907673 A 19970808  
WO 1997-US14280 W 19970813

AB A method of introducing foreign DNA into animal cells in vivo, especially  
airway

epithelial cells, as a complex with polylysine substituted with glycosyl  
residues is described. This can be used in methods of treating humans  
having respiratory disease by gene therapy. The preferred sugar for  
glycosidation of polylysine is lactose, although  $\alpha$ -glucose,  
 $\beta$ -galactose, mannose, mannose-6-phosphate, fucose, or  
N-acetylglucosamine may also be used. Fusogenic peptides may also be used  
in the complex to increase the efficiency of uptake. Preparation of a number

of

glycosylated polylysine derivs. is described. Optimization expts. using  
cultured CF/T43 cells and a luciferase reporter gene are reported.  
Binding of the complex to the airway epithelial cells may be by lectins on  
the surface of the cells.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 17 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1997:311165 CAPLUS

DOCUMENT NUMBER: 126:327558

TITLE: Radiation sensitization using texaphyrins for  
treatment of neoplasms or atheromas

INVENTOR(S): Sessler, Jonathan L.; Harriman, Anthony M.; Miller,  
Richard A.

PATENT ASSIGNEE(S): Pharmacyclics, Inc., USA; Board of Regents of the  
University of Texas System

SOURCE: U.S., 39 pp., Cont.-in-part of U.S. 5,457,183.  
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 21

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5622946	A	19970422	US 1995-437968	19950510 <--
US 5457183	A	19951010	US 1993-135118	19931012 <--
US 5583220	A	19961210	US 1995-449681	19950524 <--
US 5580543	A	19961203	US 1995-458267	19950602 <--
US 5587371	A	19961224	US 1995-458909	19950602 <--
US 5632970	A	19970527	US 1995-486967	19950607 <--
US 5801229	A	19980901	US 1996-713701	19960913 <--
US 5888997	A	19990330	US 1997-795393	19970204 <--
US 5969111	A	19991019	US 1997-775261	19970204 <--
US 6069140	A	20000530	US 1997-970864	19971114 <--
US 6072038	A	20000606	US 1998-104870	19980625 <--

PRIORITY APPLN. INFO.:

US 1993-135118	A2	19931012
US 1989-320293	A3	19890306
US 1990-539975	A2	19900618
US 1991-771393	B2	19910930
US 1992-822064	A2	19920121
US 1992-822964	A2	19920121
US 1993-75123	B2	19930609
US 1993-98514	A1	19930728
US 1994-227370	A2	19940414
US 1995-227370	A2	19940414
WO 1994-US6284	A1	19940609

WO 1994-US11491	A1 19941012
US 1995-437968	A3 19950510
US 1995-452261	B2 19950526
US 1996-679162	A2 19960710
US 1996-713701	A1 19960913
US 1997-795393	A1 19970204

OTHER SOURCE(S): MARPAT 126:327558

AB Texaphyrins are provided for use as radiation sensitizers. Advantageous properties of texaphyrins for use as a radiation sensitizer include: (1) a low redox potential, which allows radiation-induced hydrated electrons to flow to texaphyrin rather than neutralizing hydroxyl radicals, allowing hydroxyl radicals to cause cellular damage; (2) a relatively stable texaphyrin radical that reacts readily to covalently modify neighboring mols., causing further cellular damage; (3) intrinsic biolocalization; and (4) indifference to the presence or absence of O<sub>2</sub>. These properties allow texaphyrins to be particularly effective for treating the hypoxic areas of solid neoplasms. Methods of treatment for an individual having a neoplasm or atheroma include the use of a texaphyrin as a radiation sensitizer and as an agent for photodynamic tumor therapy, or the use of a texaphyrin for internal and for external ionizing radiation. Novel texaphyrins are provided.

L7 ANSWER 18 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:521737 CAPLUS

DOCUMENT NUMBER: 125:230347

TITLE: Biorecognition and biological activity of synthetic

polymer glycoconjugates containing 5-fluorouracil

Putnam, D.; Rihova, B.; Jelinkova, M.; Kopecek, J.

CORPORATE SOURCE: Department of Pharmaceutics and Pharmaceutical

Chemistry, University of Utah, Salt Lake City, UT,

84112, USA

SOURCE: Proceedings of the International Symposium on

Controlled Release of Bioactive Materials (

1996), 23rd, 75-76

CODEN: PCRMEY; ISSN: 1022-0178

PUBLISHER: Controlled Release Society, Inc.

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The conjugation of 5-fluorouracil to polymer glycoconjugates containing either galactosamine, glucosamine, or fucosylamine resulted in compds. with the ability to be endocytosed into colon cancer cells, that have anticancer activity both in vitro and in vivo, and that have a protective effect on the bone marrow stem cells. The endocytosis of the conjugates was observed and their anticancer activity depended upon the targeting carbohydrate.

L7 ANSWER 19 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:979794 CAPLUS

DOCUMENT NUMBER: 124:26178

TITLE: Distribution of lectin binding in the testes of the musk shrew, *Suncus murinus*

AUTHOR(S): Kurohmaru, M.; Kobayashi, H.; Kanai, Y.; Hattori, S.;

Nishida, T.; Hayashi, Y.

CORPORATE SOURCE: Faculty Agriculture, University Tokyo, Tokyo, 113,

Japan

SOURCE: Journal of Anatomy (1995), 187(2), 323-9

CODEN: JOANAY; ISSN: 0021-8782

PUBLISHER: Cambridge University Press

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The distribution of lectin binding in the testis of the musk shrew (*S. murinus*) was investigated by light and transmission electron microscopy. Not only spermatogenic cells but also Sertoli cells bound some lectins. *Canavalia ensiformis* agglutinin and wheat germ agglutinin, indicating the presence of D-mannose and N-acetyl-D-glucosamine resp., showed an intense reaction in the acrosomal region of early-to-late spermatids. Ricinus



communis agglutinin I (RCA-I), peanut agglutinin (PNA, Arachis hypogaea), Bauhinia purpurea agglutinin (BPA), soybean agglutinin, revealing the presence of D-galactose and/or N-acetyl-D-galactosamine, bound to the acrosomal region from Golgi to acrosome-phase spermatids and abruptly decreased in intensity in maturation-phase spermatids. Griffonia simplicifolia agglutinin II, indicating the presence of N-acetyl-D-glucosamine, gave an intense reaction only in the acrosome of acrosome-phase spermatids. These findings demonstrate that the appearance/disappearance of some glycoconjugates in the spermatid acrosome occurs in the musk shrew during acrosomal formation. Addnl., RCA-I, PNA and BPA revealed a strong reaction in the cytoplasm of Sertoli cells. The reaction that was observed in the intramembranous region of Sertoli cell cytoplasm at the electron microscope level appeared from stages VIII to XIII but not from stages I to VII. This finding suggests that glycoconjugates containing D-galactose may change stage dependently in the musk shrew Sertoli cell.

L7 ANSWER 20 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:900185 CAPLUS  
DOCUMENT NUMBER: 124:4199  
TITLE: Glycosylphosphatidylinositol-phospholipase D: A tool for glycosylphosphatidylinositol structural analysis  
AUTHOR(S): Deeg, Mark A.; Davitz, Michael A.  
CORPORATE SOURCE: Department Medicine, University Washington, Seattle, WA, 98195, USA  
SOURCE: Methods in Enzymology (1995), 250 (Lipid Modifications of Proteins), 630-40  
CODEN: MENZAU; ISSN: 0076-6879  
PUBLISHER: Academic  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB Cleavage by the glycosylphosphatidylinositol phospholipase D (GPI-PLD) provides definitive evidence of a min. GPI structure: glucosamine-phosphatidylinositol. Unlike the case for phosphatidylinositol-inositol phospholipase C, cleavage by the GPI-PLD is unaffected by acylation of the inositol ring. Thus, the GPI-PLD provides an excellent simple enzymic tool for analyzing the basic core structure of GPI anchors.

L7 ANSWER 21 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1995:594496 CAPLUS  
DOCUMENT NUMBER: 123:4599  
TITLE: Amino acid-substituted or amine-modified enzymes and their use in washing compositions, baking, feed, and manufacture of cellulosic fabrics or treatment of lignocellulosic fibers  
INVENTOR(S): Olsen, Arne Agerlin; Svendsen, Allan; Borch, Kim; Lund, Henrik; Thellersen, Marianne; Rosholm, Peter; Munk, Niels  
PATENT ASSIGNEE(S): Novo Nordisk A/S, Den.  
SOURCE: PCT Int. Appl., 67 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9509909	A1	19950413	WO 1994-DK368	19941004 <--
W:	AM, AT, AU, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, TT, UA, US, UZ, VN			
RW:	KE, MW, SD, SZ, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			

CA 2173214	A1	19950413	CA 1994-2173214	19941004 <--
AU 9478073	A	19950501	AU 1994-78073	19941004 <--
EP 722491	A1	19960724	EP 1994-928774	19941004 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
CN 1134726	A	19961030	CN 1994-194080	19941004 <--
BR 9407752	A	19970304	BR 1994-7752	19941004 <--
JP 09503130	T	19970331	JP 1995-510562	19941004 <--
FI 9601502	A	19960530	FI 1996-1502	19960403 <--
US 5866526	A	19990202	US 1996-619753	19960502 <--

PRIORITY APPLN. INFO.:

DK 1993-1111	A	19931004
DK 1994-259	A	19940304
WO 1994-DK368	W	19941004

AB An enzyme preparation comprising a modified enzyme selected from the group consisting of an amylase, lipase, oxidoreductase, pectinate or hemicellulase, the modified enzyme having an improved performance due to an alkaline pI and/or increased surface activity obtained by chemical modification or amino acid substitution, is useful e.g. in detergents, baking flour, in animal feed, in the manufacture of cellulosic fabrics and for the treatment of lignocellulosic fibers. *Aspergillus oryzae* lipase was conjugated with glucosamine, poly-L-arginine, or poly-L-lysine. This treatment increased the pI of the enzymes to >9.5. The washing performance of these enzymes in the presence of detergents was improved.

L7 ANSWER 22 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1994:595929 CAPLUS  
DOCUMENT NUMBER: 121:195929  
TITLE: Treatment of septic shock with conjugated biologically active peptides  
INVENTOR(S): Hendi, Mukta; Rao, Meena; Williams, Taffy J.  
PATENT ASSIGNEE(S): Magainin Pharmaceuticals, Inc., USA  
SOURCE: PCT Int. Appl., 139 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9413697	A1	19940623	WO 1993-US11841	19931206 <--
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2151046	A1	19940623	CA 1993-2151046	19931206 <--
AU 9457417	A	19940704	AU 1994-57417	19931206 <--
EP 672053	A1	19950920	EP 1994-903494	19931206 <--

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE  
PRIORITY APPLN. INFO.: US 1992-987443 A 19921207  
WO 1993-US11841 W 19931206

AB A compound is presented which is a conjugate of a biol. active amphiphilic peptide (an ion channel-forming peptide) and a conjugate moiety (a carbohydrate (such as dextran or hetastarch), a protein, polyvinyl pyrrolidone, a polyalkylene glycol, or polyvinyl alc.). Such compds. neutralize bacterial endotoxins, and thus are particularly useful in the treatment or prevention of septic shock. Peptide Lys-Phe-Ala-Lys-Lys-Phe-Ala-Lys-Phe-Ala-Lys-Lys-Phe-Ala-Lys-Lys-Phe-Ala-NH<sub>2</sub> was coupled to dextran. Mice were challenged with endotoxin premixed with the conjugate. The survivor ratio was 3.3 and 9 on days 2 and 7.

L7 ANSWER 23 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1994:551718 CAPLUS  
DOCUMENT NUMBER: 121:151718  
TITLE: Specifically crosslinked hemoglobin with free functionality and method of preparing it  
INVENTOR(S): Kluger, Ronald; Song, Yong Hong  
PATENT ASSIGNEE(S): Can.

SOURCE: PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9411399	A1	19940526	WO 1993-CA480	19931112 <--
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5399671	A	19950321	US 1992-978418	19921118 <--
CA 2149132	A1	19940526	CA 1993-2149132	19931112 <--
AU 9454153	A	19940608	AU 1994-54153	19931112 <--
AU 683029	B2	19971030		
EP 669940	A1	19950906	EP 1993-924476	19931112 <--
EP 669940	B1	19990210		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
HU 70740	A2	19951030	HU 1995-1448	19931112 <--
JP 08503456	T	19960416	JP 1993-511549	19931112 <--
AT 176673	T	19990215	AT 1993-924476	19931112 <--
PRIORITY APPLN. INFO.:				
			US 1992-978418	A 19921118
			WO 1993-CA480	W 19931112

AB Hb is site-specifically crosslinked into its tetrameric form by reaction with a trifunctional reagent which combines electrostatic effects, steric effects and the presence of functional groups so that two of the functional groups react with specific sites on the Hb while the third site is left free for reaction with endogenous nucleophilic compds. A specific example of such a crosslinking reagent is trimesoyl tris(3,5-dibromosalicylate), TDS, which effects specific crosslinking between the amino groups of lysine-82 on each resp.  $\beta$  sub-unit. While the crosslinking reagent TTDS has three available carboxyl groups for the crosslinking reaction, only two so react, leaving one free carboxyl for reaction with exogenous nucleophiles; e.g., to render the Hb product useful as a carrier for nucleophilic compds. through the body's circulatory system.

L7 ANSWER 24 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1993:546612 CAPLUS  
 DOCUMENT NUMBER: 119:146612  
 TITLE: Pharmaceutical compositions containing polymer derivative-bound anthracycline glycosides and a method for their preparation  
 INVENTOR(S): Adami, Marco; Magrini, Roberto; Maranghi, Paolo; Suarato, Antonino  
 PATENT ASSIGNEE(S): Farmitalia Carlo Erba S.r.l., Italy  
 SOURCE: PCT Int. Appl., 52 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9313804	A1	19930722	WO 1992-EP2968	19921221 <--
W: AU, CA, FI, HU, JP, KR, NZ, RU, UA				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2105466	A1	19930708	CA 1992-2105466	19921221 <--
AU 9333468	A	19930803	AU 1993-33468	19921221 <--
AU 666513	B2	19960215		

EP 574571	A1	19931222	EP 1993-902124	19921221 <--
EP 574571	B1	19990506		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE				
JP 06505755	T	19940630	JP 1992-512103	19921221 <--
HU 74578	A2	19970128	HU 1993-2517	19921221 <--
HU 217806	B	20000428		
RU 2118171	C1	19980827	RU 1993-55778	19921221 <--
AT 179618	T	19990515	AT 1993-902124	19921221 <--
ES 2133380	T3	19990916	ES 1993-902124	19921221 <--
ZA 9210049	A	19931006	ZA 1992-10049	19921228 <--
US 6245358	B1	20010612	US 1992-997582	19921228 <--
IL 104256	A	19970218	IL 1992-104256	19921229 <--
PRIORITY APPLN. INFO.:			GB 1992-247	A 19920107
			WO 1992-EP2968	A 19921221

AB An antitumor lyophilized composition contains (1) a conjugate comprising N-alkyl methacrylamide-based copolymer and an anthracycline glycoside linked through a peptide spacer to the copolymer and (2) a solubilizing agent. Optionally, a targeting moiety is linked through a peptide spacer to the polymer. The composition shows a reduced dissoln. time when reconstituted with an aqueous diluent. A freeze-dried preparation containing a conjugate of doxorubicin with N-(2-hydroxypropyl)methacrylamide polymer and Gly-Phe-Leu-Gly spacer, equivalent to doxorubicin 5 mg, polysorbate 80 2mg, and lactose 140 mg was reconstituted with water in <1 min.

L7 ANSWER 25 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1991:512546 CAPLUS

DOCUMENT NUMBER: 115:112546

TITLE: N-acetyl-β-D-glucosaminyl-binding properties of the envelope glycoprotein of human immunodeficiency virus type 1

AUTHOR(S): Gattegno, Liliane; Sadeghi, Hoss; Saffar, Line; Bladier, Dominique; Clerget-Raslain, Brigitte; Gluckman, Jean Claude; Bahraoui, Elmostafa  
CORPORATE SOURCE: Lab. Biol. Cell., Fac. Med. Paris-Nord, Bobigny, F-93012, Fr.

SOURCE: Carbohydrate Research (1991), 213, 79-93  
CODEN: CRBRAT; ISSN: 0008-6215

DOCUMENT TYPE: Journal

LANGUAGE: English

AB The effect of carbohydrate structures on the adsorption of HIV-1 or of recombinant envelope glycoprotein gp160 (rgp160) to cells of the CEM line was investigated with an indirect immunofluorescence assay using gp120-specific mouse monoclonal antibodies (mAbs) directed to envelope gp120. The β-D-galactosyl, α-D-mannosyl, β-D-glucosyl, N-acetyl-β-D-glucosaminyl, sialosyl, and L-fucosyl derivs. tested had no effect on this binding. However, preincubation of HIV-1 (or rgp160) with the neoglycoprotein, β-D-GlcNAc47-BSA, specifically inhibited the labeling, by some of the mAb used, of HIV-1 (or rgp160) bound at the cell membrane. This inhibition occurred only with mAbs that were specific for the immunodominant neutralizing third variable region (V3) of gp120. Competition for the binding to rgp160 between β-D-GlcNAc47-BSA and mAb was further demonstrated by use of affinity matrixes substituted with one of the relevant mAb (110-4), or with β-D-GlcNAc47-BSA. Besides β-D-GlcNAc47-BSA-Sepharose, rgp160 also bound with low-affinity, but high specificity, to two other N-acetyl-β-D-glucosaminyl affinity matrixes, β-D-GlcNAc-divinylsulfone-agarose and asialoagalactothryoglobulin-agarose. Conversely, β-D-[125I]GlcNA47-BSA bound specifically to gp160-Sepharose. Thus, rgp160 behaves as a N-acetyl-β-D-glucosaminyl-binding protein for GlcNAc residues presented at high d. on a carrier, the carbohydrate-binding site of which is close to, or located on the V3 region of gp120.

L7 ANSWER 26 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1991:400778 CAPLUS

DOCUMENT NUMBER: 115:778

TITLE: Covalently-linked complexes and methods for enhanced cytotoxicity and imaging  
 INVENTOR(S): Anderson, David C.; Morgan, A. Charles; Abrams, Paul G.; Nichols, Everett J.; Fritzberg, Alan R.  
 PATENT ASSIGNEE(S): NeoRx Corp., USA  
 SOURCE: Eur. Pat. Appl., 23 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 359347	A2	19900321	EP 1989-250014	19890814 <--
EP 359347	A3	19900418		
EP 359347	B1	19921223		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 5135736	A	19920804	US 1988-232337	19880815 <--
US 5169933	A	19921208	US 1989-390241	19890807 <--
CA 1334513	C	19950221	CA 1989-608198	19890811 <--
JP 02124833	A	19900514	JP 1989-209992	19890814 <--
AT 83669	T	19930115	AT 1989-250014	19890814 <--

PRIORITY APPLN. INFO.:  
 US 1988-232337 A 19880815  
 EP 1989-250014 A 19890814

AB Covalently-linked complexes (CLCs) for targeting a defined population of cells comprise a targeting protein (e.g. antibody, hormone, enzyme, etc.), a cytotoxic agent (e.g. radionuclide, toxin, drug, etc.) an enhancing moiety capable of enhancing CLC-target cell interaction (e.g. a translocating/internalizing moiety, an anchoring peptide, membrane-soluble hydrophobic mol., etc.). The CLCs are used to enhance in vivo cytotoxicity and imaging (no data). Translocating peptide, Cys-Gly-Glu-Ala-Ala-Leu-Ala(Glu-Ala-Leu-Ala)4-Glu-Ala-Leu-Glu-Ala-Leu-Ala-Ala-NH<sub>2</sub>, is conjugated via succinimidyl 4(N-maleimidemethyl)cyclohexane-1-carboxylate (SMCC) to reduced toxin A chain. The conjugate is reacted with iminothiolane to generate further thiol groups which are then bonded to reduced antibody to prepare translocating peptide-ricin A chain-antibody CLC.

L7 ANSWER 27 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1991:162279 CAPLUS

DOCUMENT NUMBER: 114:162279

TITLE: Intracellular signaling events associated with the induction of proliferation of normal human B lymphocytes by two different antigenically related human B cell growth factors (high molecular weight B cell growth factor (HMW-BCGF) and the complement factor Bb)

AUTHOR(S): Ambrus, Julian L., Jr.; Chesky, Laura; Chused, Thomas; Young, K. Randall, Jr.; McFarland, Patrick; August, Anna; Brown, Eric J.

CORPORATE SOURCE: Dep. Med., Jew. Hosp. St. Louis, St. Louis, MO, 63110, USA

SOURCE: Journal of Biological Chemistry (1991), 266(6), 3702-8  
 CODEN: JBCHA3; ISSN: 0021-9258

DOCUMENT TYPE: Journal

LANGUAGE: English

AB High mol. weight B cell growth factor (HMW-BCGF) and the complement component, factor B, are antigenically related. HMW-BCGF and the physiol. factor B activation fragment Bb, are both mitogenic for B lymphocytes and compete for binding to the B cell plasma membrane. To understand which second messengers that occur after ligand-receptor interaction are associated with mitogenesis, early signaling events were examined after stimulation of activated B cells with these related growth factors. HMW-BCGF but not Bb

increased [cAMP]i with a maximum between 45 and 60 min after stimulation. The increase in [cAMP]i was inhibited by indomethacin, suggesting that prostaglandin synthesis is involved in this response. Increase in [cAMP]i induced by HMW-BCGF, cholera toxin, or dibutyryl cAMP was associated with increased expression of the HMW-BCGF receptor, but there was no increase in proliferation of activated B cells when they were stimulated with cAMP agonists other than HMW-BCGF. Thus, cAMP is associated with regulation of receptor expression but is neither necessary nor sufficient for induction of proliferation. Both HMW-BCGF and Bb increased cellular levels of diacylglycerol and a water-soluble mol. which could be labeled with both [3H]myoinositol and [14C] glucosamine. However, only HMW-BCGF induced increases in intracellular Ca. Thus, two antigenically related B cell growth factors, HMW-BCGF and Bb, produce overlapping but distinct sets of second messengers after incubation with *Staphylococcus aureus* Cowan I-activated B cells. Since both induced increases in diacylglycerol and water-soluble inositol, one or both of these mols. may be involved in the proliferative signal generated by the related growth factors. In contrast, the increase in [cAMP]i caused by HMW-BCGF but not Bb is involved in the signal to increase HMW-BCGF receptor expression, but is unrelated to proliferation.

L7 ANSWER 28 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1991:39718 CAPLUS  
DOCUMENT NUMBER: 114:39718  
TITLE: Lectin binding in vivo versus lectin histochemistry  
AUTHOR(S): Schumacher, U.; Borisch, B.; Welsch, U.  
CORPORATE SOURCE: Dep. Anat., Univ. Munich, Munich, D-8000/2, Germany  
SOURCE: Lectins: Biology, Biochemistry, Clinical Biochemistry (1990), 7, 385-90  
CODEN: LBBBD5; ISSN: 0723-8878  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB FITC-labeled lectins were tested for binding to tissues (brain, kidney, liver, lung, and spleen) on i.v. application to female NMRI mice. No binding was observed in the blood vessels of the brain in contrast to the other organs studied. The lectin binding obtained after incubating tissue sections with the lectins differed from those obtained on i.v. application of the lectin.

L7 ANSWER 29 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1988:470880 CAPLUS  
DOCUMENT NUMBER: 109:70880  
TITLE: Carbohydrate components of hare oviduct studied by histochemical and biochemical techniques  
AUTHOR(S): Menghi, G.; Accili, D.; Bondi, A. M.; Materazzi, G.  
CORPORATE SOURCE: Dip. Biol. Cell., Univ. Camerino, Camerino, 62032, Italy  
SOURCE: Basic and Applied Histochemistry (1988), 32(2), 203-17  
CODEN: BAHID7; ISSN: 0391-7258  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB Biochem. and histochem. analyses were carried out on the carbohydrate components of hare (*Lepus europaeus*) oviduct in anestrus condition. Biochem. tests demonstrated that all the glycosidic components typical of glycoproteins and glycosaminoglycans are present in the ampulla and in the isthmus regions of oviduct, and that differences exist in the sugar content between these 2 regions. In addition, lectin histochem. combined with glycosidase digestion and selective histochem. stainings provided a series of rather detailed information on the localization of different neutral sugars and aminosugars. Hypotheses are advanced on the probable meaning of the different composition of ampullary and isthmic glycoconjugates in relation to the physiolo. differentiated roles of the 2 oviduct tracts.

L7 ANSWER 30 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1988:19917 CAPLUS  
DOCUMENT NUMBER: 108:19917  
TITLE: Structure of amino acid-glucosamine  
conjugate isolated from blood plasma of rats  
with Guerin carcinoma  
AUTHOR(S): Glinskii, G. V.; Vinnitskii, V. B.  
CORPORATE SOURCE: R. E. Kavetskii Inst. Oncol. Probl., Kiev, 252022,  
USSR  
SOURCE: Eksperimental'naya Onkologiya (1987), 9(5),  
78-80  
CODEN: EKSODD; ISSN: 0204-3564  
DOCUMENT TYPE: Journal  
LANGUAGE: Russian

AB The conjugate of amino acids and glucosamine (glycamine) was purified to homogeneity from blood plasma of rats with Guerin carcinoma. The N-groups of amino acids in the glycamine are free. Amino acids are linked to glucosamine via carboxyl groups. Eight amino acid residues were identified in the glycamine mol. glutamic acid 2, serine 2, glycine 3, lysine 1. A spatial atomic-mol. model of the glycamine mol. was developed. Two glucosamine mols. are linked to diaminosaccharide via (1-4)-bond, 8 amino acid mols. are linked to diaminosaccharide via 6 ester and 2 pseudopeptide bonds.

L7 ANSWER 31 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1972:12122 CAPLUS  
DOCUMENT NUMBER: 76:12122  
TITLE: Conjugates of glucosamine in cockroach cuticle  
AUTHOR(S): Lipke, H.  
CORPORATE SOURCE: Dep. Biol., Univ. Massachusetts, Boston, MA, USA  
SOURCE: Insect Biochemistry (1971), 1(2), 189-98  
CODEN: ISBCAN; ISSN: 0020-1790  
DOCUMENT TYPE: Journal  
LANGUAGE: English

AB Partial acid hydrolysis of sclerotized cuticle afforded fragments of mucoprotein with glycosyl, N-acetylglucosaminyl, and peptidyl residues refractory to digestion by peptidases and glycosylases. These fractions included: (1) a mannosylated chitodextrin; (2) a ketose-rich chitodextrin with the ketose moiety reducible by borohydride; and (3) a seryl- and threonyl-glycopeptide resistant to  $\beta$ -elimination of the oligosaccharide portion. A bound polyphenol was also present in this preparation with spectral characters resembling 3-4-dihydroxybenzoic acid.

L7 ANSWER 32 OF 32 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1955:74277 CAPLUS  
DOCUMENT NUMBER: 49:74277  
ORIGINAL REFERENCE NO.: 49:14132f-g  
TITLE: A glucosamine conjugate occurring  
in human urine  
AUTHOR(S): King, J. Stanton, Jr.; Hyder, Nelta  
CORPORATE SOURCE: S. E. Massengill Co., Bristol, TN  
SOURCE: Proceedings of the Society for Experimental Biology  
and Medicine (1955), 89, 342-5  
CODEN: PSEBAA; ISSN: 0037-9727  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable

AB Normal adults excrete an unidentified nondialyzable hexosamine conjugate containing, per day, 21-48 mg. of bound hexosamine for men and 13-36 mg. for women. The conjugate originates endogenously but is unrelated in quantity to somatotype, age, or urinary volume. There is no evidence that it is a mucoprotein. It appears to be principally a combination of glucosamine and galactose.

=> FIL STNGUIDE  
COST IN U.S. DOLLARS

SINCE FILE TOTAL

FULL ESTIMATED COST	ENTRY 137.32	SESSION 137.53
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-28.86	-28.86

FILE 'STNGUIDE' ENTERED AT 17:40:47 ON 09 JUL 2007  
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT  
 COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.  
 LAST RELOADED: Jul 6, 2007 (20070706/UP).

=> d his

(FILE 'HOME' ENTERED AT 17:36:13 ON 09 JUL 2007)

FILE 'CAPLUS' ENTERED AT 17:36:18 ON 09 JUL 2007

L1	224 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE"
L2	174 S L1 AND PY<=2003
L3	1 S L2 AND 2-DEOXYGLUCOSE
L4	0 S L2 AND (PHOTODYNAMIC OR PHOTSENSITIVE)
L5	5 S L2 AND (DIAGNOSTIC OR DIAGNOSIS)
L6	47 S "GLUCOSAMINE CONJUGATE"
L7	32 S L6 AND PY<=2003

FILE 'STNGUIDE' ENTERED AT 17:40:47 ON 09 JUL 2007

=> d scan l2  
 'DISPLAY SCAN' IS NOT VALID IN CURRENT FILE

The DISPLAY SCAN command is not valid in the current file.  
 Enter HELP FORMATS and HELP DFIELDS to see valid DISPLAY  
 options in current file.

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	137.95
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-28.86

FILE 'CAPLUS' ENTERED AT 17:45:07 ON 09 JUL 2007  
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
 COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 9 Jul 2007 VOL 147 ISS 3  
 FILE LAST UPDATED: 8 Jul 2007 (20070708/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.



They are available for your review at:

<http://www.cas.org/infopolicy.html>

=> d scan 11

L1 224 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 11-2 (Plant Biochemistry)  
TI Auxins in the development of an arbuscular mycorrhizal symbiosis in maize  
ST corn auxin arbuscular mycorrhiza Glomus symbiosis; IAA IBA arbuscular  
mycorrhiza Glomus symbiosis Zea  
IT Zea mays  
(Auxins in the development of an arbuscular mycorrhizal symbiosis in  
corn)  
IT Glomus intraradices  
Symbiosis  
(auxins in the development of an arbuscular mycorrhizal symbiosis in  
maize)  
IT Auxins  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(auxins in the development of an arbuscular mycorrhizal symbiosis in  
maize)  
IT Growth and development, plant  
(root; auxins in the development of an arbuscular mycorrhizal symbiosis  
in maize)  
IT Mycorrhiza  
(vesicular-arbuscular; auxins in the development of an arbuscular  
mycorrhizal symbiosis in maize)  
IT 50-99-7D, D-Glucose, conjugate with  
1H-indole-3-butanoic acid 56-41-7D, L-Alanine, conjugate with  
1H-indole-3-butanoic acid 87-51-4, IAA, biological studies 133-32-4,  
IBA 133-32-4D, IBA, conjugate with L-alanine or D-glucose 9012-56-0,  
Amidohydrolase 153233-36-4  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(auxins in the development of an arbuscular mycorrhizal symbiosis in  
maize)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d scan 12

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
IC ICM C07D213-02  
ICS C07H017-02  
INCL 536055300  
CC 33-4 (Carbohydrates)  
Section cross-reference(s): 9  
TI Method of producing a fluorescence-labeled carbohydrate or protein  
conjugate utilizing a bifunctional 2-aminopyridine  
ST bifunctional aminopyridine fluorescent label carbohydrate protein  
IT Carbohydrates and Sugars, reactions  
Glycoproteins, reactions  
Proteins, reactions  
RL: ANT (Analyte); RCT (Reactant); ANST (Analytical study); RACT (Reactant  
or reagent)  
(fluorescence-labeled carbohydrate or protein conjugate of a  
bifunctional 2-aminopyridine)  
IT 50-99-7, D-Glucose, reactions 69-79-4, Maltose 1109-28-0, Maltotriose  
3458-28-4, D-Mannose 20911-93-7  
RL: ANT (Analyte); RCT (Reactant); ANST (Analytical study); RACT (Reactant  
or reagent)  
(fluorescence-labeled carbohydrate or protein conjugate of a  
bifunctional 2-aminopyridine)  
IT 153140-18-2P 153220-87-2P  
RL: ARG (Analytical reagent use); PUR (Purification or recovery); RCT

(Reactant); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

IT 153140-16-0P, 2-Amino-6-(2-carboxyethyl)pyridine 173273-19-3P  
 173273-21-7P 173273-33-1P  
 RL: ARG (Analytical reagent use); RCT (Reactant); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

IT 159106-74-8P  
 RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST (Analytical study); PREP (Preparation); USES (Uses)  
 (fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

IT 76-83-5, Trityl chloride 105-53-3, Diethyl malonate 407-25-0, Trifluoroacetic anhydride 13139-17-8, N-(Benzyloxycarbonyloxy)succinimide 24424-99-5, Di-tert-butyl dicarbonate 69142-64-9, Ethyl 6-aminopyridine-2-carboxylate 153140-29-5, 2-Acetylamino-6-(2-cyanoethyl)pyridine  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

IT 153140-17-1P, 2-Amino-6-(2-cyanoethyl)pyridine 153140-20-6P, 2-Acetylamino-6-(3-acetylaminopropyl)pyridine 153140-21-7P  
 153140-22-8P, 2-Formyl-6-(tritylamino)pyridine 153140-23-9P  
 153140-24-0P 153140-25-1P 153140-26-2P 153140-27-3P 173273-20-6P  
 173273-22-8P 173273-29-5P 173273-30-8P 173273-31-9P 173273-34-2P  
 173273-35-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

IT 153140-19-3P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (fluorescence-labeled carbohydrate-protein neoconjugate model; fluorescence-labeled carbohydrate or protein conjugate of a bifunctional 2-aminopyridine)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
 CC 5-1 (Agrochemical Bioregulators)  
 Section cross-reference(s): 17  
 TI Metsulfuron methyl  
 ST metsulfuron methyl property chromatog; Ally herbicide chromatog; Escort herbicide chromatog  
 IT Food analysis  
 Plant analysis  
 (metsulfuron Me and its metabolites determination in, chromatog.)

IT 102394-28-5 120834-60-8  
 RL: BIOL (Biological study)  
 (metsulfuron Me metabolite, chromatog. determination of)

IT 74223-64-6  
 RL: BIOL (Biological study)  
 (properties and chromatog. determination of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
 IC ICM A61K047-48  
 CC 1-5 (Pharmacology)  
 Section cross-reference(s): 27, 33  
 TI 1,2,3,4-Tetrahydroisoquinoline-1,3-dione glycoconjugates, their

preparation, and their use as antiviral agents

ST tetrahydroisoquinolinedione glycoconjugate prepn antiviral HIV

IT Glycosylation  
(Koenigs-Knorr reaction; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT Disaccharides  
Monosaccharides  
Trisaccharides  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(conjugates; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT Peptides, biological studies  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(gp120 fragments; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT CD4 (antigen)  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(gp120-CD4 binding; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT Envelope proteins  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(gp120env, gp120-CD4 binding; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT Glycosides  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(haloalkyl; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT Conformation  
(protein, gp120 switch inhibition; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT AIDS (disease)  
Anti-AIDS agents  
Antiviral agents  
CD4-positive T cell  
Drug delivery systems  
Substitution reaction, nucleophilic  
(tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT Oligosaccharides, biological studies  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(tetrasaccharides, conjugates; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT Infection  
(viral; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 534-16-7, Silver carbonate 592-04-1, Mercuric cyanide 2923-28-6, Silver triflate 7784-09-0, Silver phosphate 10031-18-2, Mercurous bromide 59239-83-7  
RL: RGT (Reagent); RACT (Reactant or reagent)  
(activator; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 479190-98-2  
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)  
(gp120 fragment; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 60-29-7, Ether, uses 75-09-2, Dichloromethane, uses 75-52-5, Nitromethane, uses 109-99-9, Tetrahydrofuran, uses  
RL: NUU (Other use, unclassified); USES (Uses)  
(solvent; tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 479190-87-9P 479190-88-0P 479190-90-4P  
RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic

preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 479190-89-1P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 50-69-1D, D-Ribose, conjugates with tetrahydroisoquinolinedione derivs. 50-99-7D, D-Glucose, conjugates with tetrahydroisoquinolinedione derivs. 57-48-7D, D-Fructose, conjugates with tetrahydroisoquinolinedione derivs. 59-23-4D, D-Galactose, conjugates with tetrahydroisoquinolinedione derivs. 488-33-5D, D-Idonic acid, conjugates with tetrahydroisoquinolinedione derivs. 526-95-4D, D-Gluconic acid, conjugates with tetrahydroisoquinolinedione derivs. 533-67-5D, conjugates with tetrahydroisoquinolinedione derivs. 576-36-3D, D-Galactonic acid, conjugates with tetrahydroisoquinolinedione derivs. 642-98-8D, D-Ribonic acid, conjugates with tetrahydroisoquinolinedione derivs. 642-99-9D, D-Mannonic acid, conjugates with tetrahydroisoquinolinedione derivs. 669-90-9D, D-arabino-2-Hexulosonic acid, conjugates with tetrahydroisoquinolinedione derivs. 1990-29-0D, D-Altrose, conjugates with tetrahydroisoquinolinedione derivs. 2595-97-3D, D-Allose, conjugates with tetrahydroisoquinolinedione derivs. 2595-98-4D, D-Talose, conjugates with tetrahydroisoquinolinedione derivs. 3458-28-4D, D-Mannose, conjugates with tetrahydroisoquinolinedione derivs. 4205-23-6D, D-Gulose, conjugates with tetrahydroisoquinolinedione derivs. 4456-77-3D, 1,2,3,4-Tetrahydroisoquinoline-1,3-dione, derivs., glycoconjugates 5978-95-0D, D-Idose, conjugates with tetrahydroisoquinolinedione derivs. 7284-15-3D, conjugates with tetrahydroisoquinolinedione derivs. 20246-33-7D, D-Gulonic acid, conjugates with tetrahydroisoquinolinedione derivs. 20246-35-9D, D-Talonic acid, conjugates with tetrahydroisoquinolinedione derivs. 21675-42-3D, D-Allonic acid, conjugates with tetrahydroisoquinolinedione derivs. 22430-69-9D, D-Altronic acid, conjugates with tetrahydroisoquinolinedione derivs.  
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 79-44-7, Dimethylcarbamoyl chloride 83-87-4, Pentaacetylglucose 103-71-9, Phenyl isocyanate, reactions 492-61-5D,  $\beta$ -D-Glucopyranose, derivs. 540-51-2, 2-Bromoethanol 590-28-3, Potassium isocyanate 604-68-2 624-83-9, Methyl isocyanate 627-18-9 1795-48-8, Isopropyl isocyanate 3344-77-2 4286-55-9 6919-96-6 13280-08-5 14576-22-8 19285-38-2 50816-19-8, 8-Bromooctanol 53463-68-6, 10-Bromodecanol 114682-36-9 138479-78-4 170831-26-2 479190-97-1  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 112928-39-9P 112928-42-4P 479190-93-7P 479190-94-8P 479190-95-9P 479190-96-0P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 7646-69-7, Sodium hydride 27607-77-8, Trimethylsilyl triflate  
 RL: RGT (Reagent); RACT (Reactant or reagent)  
 (tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

IT 16977-78-9P 16977-81-4P 16977-84-7P 85193-55-1P 112928-38-8P 112928-41-3P 112951-92-5P 112951-93-6P 297740-74-0P 382607-64-9P

382607-65-0P 382607-66-1P 382607-67-2P 382607-68-3P 479190-92-6P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(tetrahydroisoquinolinedione glycoconjugate preparation and use as antiviral agents)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
TI Immunoaffinity sample cleanup and capillary electrophoresis (CE)  
determinative analysis of residues of imazamox herbicide and its two polar metabolites in soybean seed.

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 13-1 (Mammalian Biochemistry)  
TI Lectin-binding histochemistry of intracellular and extracellular glycoconjugates of the reserve cell zone of growth plate cartilage  
ST glycoconjugate cartilage growth plate; carbohydrate conjugate cartilage growth plate  
IT Sialic acids  
RL: BIOL (Biological study)  
(glycoconjugates capping by, in growth plate cartilage reserve cell zone)  
IT Extracellular matrix  
(glycoconjugates of, of growth plate cartilage of reserve cell zone)  
IT Chondrocyte  
(glycoconjugates of, of growth plate cartilage reserve cell zone)  
IT Cartilage  
(articular, glycoconjugates distribution in, bone epiphysis ossification in relation to)  
IT Carbohydrates and Sugars, compounds  
RL: PROC (Process)  
(conjugates, of growth plate cartilage reserve cell zone and other areas; distribution of)  
IT Bone, composition  
(growth plate, glycoconjugates distribution in cartilage reserve cell zone of, ossification in relation to)  
IT 50-99-7D, Glucose, conjugates containing 59-23-4D,  
D-Galactose, conjugates containing 2438-80-4D, L-Fucose, conjugates containing  
3458-28-4D, D-Mannose, conjugates containing 7512-17-6D,  
N-Acetylglucosamine, conjugates containing  
RL: PROC (Process)  
(of growth plate cartilage reserve cell zone and other areas, distribution of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 4-4 (Toxicology)  
Section cross-reference(s): 11, 17  
TI Identification of Fonofos Metabolites in Lactuca sativa, Beta vulgaris, and Triticum aestivum by Packed Capillary Flow Fast Atom Bombardment Tandem Mass Spectrometry  
ST fonofos metab lettuce beet wheat  
IT Beta vulgaris  
Lactuca sativa  
Triticum aestivum  
(identification of fonofos metabolites in Lactuca sativa, Beta vulgaris, and Triticum aestivum by packed capillary flow fast atom bombardment tandem mass spectrometry)  
IT 944-22-9DP, Fonofos, metabolites 3112-85-4P, Methylphenyl sulfone  
418791-49-8P 418791-51-2P 418791-53-4P 418791-56-7P 418791-59-0P  
RL: BSU (Biological study, unclassified); PRP (Properties); PUR

(Purification or recovery); BIOL (Biological study); PREP (Preparation)  
(identification of fonofos metabolites in *Latuca sativa*, *Beta vulgaris*,  
and *Triticum aestivum* by packed capillary flow fast atom bombardment  
tandem mass spectrometry)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 10-2 (Microbial, Algal, and Fungal Biochemistry)  
Section cross-reference(s): 16, 17  
TI Metabolism of the *Fusarium* mycotoxins zearalenone and deoxynivalenol by  
yeast strains of technological relevance  
ST *Fusarium* mycotoxin zearalenone metab yeast  
IT Yeast  
(metabolism of zearalenone but not deoxynivalenol by yeast strains)  
IT *Brettanomyces*  
*Candida tropicalis*  
*Hansenula*  
*Pichia fermentans*  
*Saccharomycopsis*  
*Schizosaccharomyces*  
*Torulaspora delbrueckii*  
*Zygosaccharomyces rouxii*  
(metabolism of zearalenone by yeast strains)  
IT *Fusarium*  
(metabolism of zearalenone mycotoxin from *Fusarium* by yeast strains)  
IT 17924-92-4, Zearalenone  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(metabolism of zearalenone by yeast strains)  
IT 36455-72-8,  $\alpha$ -Zearalenol 71030-11-0,  $\beta$ -Zearalenol  
RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL  
(Biological study); FORM (Formation, nonpreparative)  
(metabolite; metabolism of zearalenone by yeast strains)  
IT 51481-10-8, Deoxynivalenol  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(yeast strains metabolism zearalenone but not deoxynivalenol)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 13-3 (Mammalian Biochemistry)  
TI Light-microscopic studies on spatial and temporal binding of the lectins  
concanavalin A, wheat-germ agglutinin and peanut agglutinin in early rat  
odontogenesis  
ST tooth formation carbohydrate fetus; glycoconjugate tooth formation  
basement membrane  
IT Extracellular matrix  
(carbohydrates of glycoproteins of, in tooth formation in fetus  
distribution of)  
IT Glycoproteins, biological studies  
RL: BIOL (Biological study)  
(carbohydrates of, of extracellular matrix in tooth formation in fetus,  
distribution of)  
IT Tooth  
(formation of, glycoconjugate distribution in, in fetus)  
IT Basement membrane  
(glycoconjugates of, in tooth formation in fetus, distribution of)  
IT Carbohydrates and Sugars, compounds  
RL: BIOL (Biological study)  
(conjugates, in tooth formation in fetus, distribution of, cell-matrix  
interactions in relation to)  
IT Embryo  
(fetus, glycoconjugate distribution in tooth formation in)  
IT 50-99-7D, D-Glucose, conjugates 7296-15-3D,

$\alpha$ -D-Mannose, conjugates 7296-64-2D, conjugates 7512-17-6D, conjugates  
RL: BIOL (Biological study)  
(in tooth formation, in fetus, distribution of, cell-matrix interactions in relation to)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 6-0 (General Biochemistry)  
TI Transportability and recognizability of SGLT1 for alkyl glucosides: TRN  
(transportable, recognizable, non-interactive) classification of glucose conjugates  
ST review SGLT1 alkyl glucoside transport recognition classification  
IT Transport proteins  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)  
(SGLT1 (sodium-dependent glucose-transporting, 1); transport, recognition and classification of n-alkyl  $\beta$ -glucosides)  
IT Classification  
(classification of n-alkyl  $\beta$ -glucosides to three types, transportable (Class T), recognizable (Class R) and non-interactive (Class N) conjugates)  
IT Glycosides  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)  
(n-alkyl,  $\beta$ -; transport, recognition and classification of n-alkyl  $\beta$ -glucosides)  
IT Biological transport  
Molecular recognition  
(transport, recognition and classification of n-alkyl  $\beta$ -glucosides)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 9-3 (Biochemical Methods)  
Section cross-reference(s): 66  
TI Glucose-silicas for high-performance gel-filtration and ion-exchange chromatography  
ST glucose silica stationary phase liq chromatog; gel chromatog glucose silica stationary phase; ion exchange chromatog glucose silica  
IT Proteins, analysis  
RL: ANST (Analytical study)  
(separation of, by chromatog. on glucose-silica stationary phases)  
IT Chromatography, column and liquid  
(high-performance ion-exchange, stationary phases, glucose-silicas as)  
IT Chromatography, gel  
(high-performance, stationary phases, glucose-silicas as)  
IT 50-99-7D, D-Glucose, silica conjugates 7631-86-9D, Silica, glucose conjugates  
RL: ANST (Analytical study)  
(stationary phases, for liquid chromatog.)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 5-4 (Agrochemical Bioregulators)  
TI Metabolism of the synthetic pyrethroid fenpropathrin in plants  
ST fenpropathrin metab plant; pyrethroid metab plant  
IT Cabbage  
(fenpropathrin metabolism by)  
IT Root absorption  
Translocation  
(of fenpropathrin)

IT Apple  
 Bean  
 Grape  
 Orange  
 Tomato  
 (tetramethylcyclopropanecarboxylic acid uptake and metabolism by, fenpropathrin in relation to)

IT 56-84-8, biological studies 70-47-3, biological studies 923-01-3  
 16051-95-9  
 RL: FORM (Formation, nonpreparative)  
 (formation of, from hydrogen cyanide, in cabbage leaves)

IT 3739-38-6 13826-35-2 17219-45-3 35065-12-4 35101-26-9 66280-02-2  
 66280-09-9 66403-98-3 68749-34-8 68749-36-0 96475-59-1  
 96475-60-4 97280-56-3 97280-57-4 97280-58-5 97280-59-6  
 97280-60-9 97280-66-5 155913-61-4  
 RL: BIOL (Biological study)  
 (in fenpropathrin metabolism by plants)

IT 3739-38-6D, conjugates 13826-35-2D, conjugates 15641-58-4D, conjugates  
 17219-45-3D, conjugates 35065-12-4D, conjugates 35101-26-9D,  
 conjugates 66280-02-2D, conjugates 66403-98-3D, conjugates  
 68749-36-0D, conjugates 96475-60-4D, conjugates 97280-61-0D,  
 conjugates 97280-62-1D, conjugates 97280-63-2D, conjugates  
 97280-64-3D, conjugates 97280-65-4D, conjugates 155913-61-4D,  
 conjugates  
 RL: BIOL (Biological study)  
 (in fenpropathrin metabolism in cabbage)

IT 39515-41-8  
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
 (Biological study); PROC (Process)  
 (metabolism of, by plants)

IT 74-90-8, biological studies 15641-58-4  
 RL: BIOL (Biological study)  
 (uptake and metabolism of, by plants)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

IC ICM A61K031-70  
 ICS A61K047-48

CC 1-12 (Pharmacology)

TI Treatment of C. difficile toxin B associated conditions

ST Clostridium toxin disease neutralization oligosaccharide diarrhea;  
 diarrhea treatment Clostridium toxin neutralization oligosaccharide

IT Oligosaccharides, biological studies  
 RL: BAC (Biological activity or effector, except adverse); BPR (Biological  
 process); BSU (Biological study, unclassified); THU (Therapeutic use);  
 BIOL (Biological study); PROC (Process); USES (Uses)  
 (conjugates with SYNSORB; treatment of C. difficile toxin B associated  
 conditions such as diarrhea and pseudomembranous colitis using  
 oligosaccharides attached to inert support through linker arm which  
 bind toxins A and B)

IT Toxins  
 RL: ADV (Adverse effect, including toxicity); BPR (Biological process);  
 BSU (Biological study, unclassified); BIOL (Biological study); PROC  
 (Process)  
 (enterotoxins, Clostridium, A and B; treatment of C. difficile toxin B  
 associated conditions such as diarrhea and pseudomembranous colitis using  
 oligosaccharides attached to inert support through linker arm which  
 bind toxins A and B)

IT Intestine, disease  
 (pseudomembranous enterocolitis; treatment of C. difficile toxin B  
 associated conditions such as diarrhea and pseudomembranous colitis using  
 oligosaccharides attached to inert support through linker arm which  
 bind toxins A and B)

IT Antidiarrheals



Clostridium difficile

(treatment of C. difficile toxin B associated conditions such as diarrhea and pseudomembranous colitis using oligosaccharides attached to inert support through linker arm which bind toxins A and B)

- IT 50-99-7D, Glucose, conjugates with SYNSORB 69-79-4D, Maltose, conjugates with SYNSORB 499-40-1D, Isomaltose, conjugates with SYNSORB 528-50-7D, Cellobiose, conjugates with SYNSORB 577-76-4D, Chitobiose, conjugates with SYNSORB 3371-50-4D, Isomaltotriose, conjugates with SYNSORB 7368-73-2D, conjugates with SYNSORB 41744-59-6D, conjugates with SYNSORB 83382-98-3D, SYNSORB, conjugates with oligosaccharides
- RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); PROC (Process); USES (Uses)
- (treatment of C. difficile toxin B associated conditions such as diarrhea and pseudomembranous colitis using oligosaccharides attached to inert support through linker arm which bind toxins A and B)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

- L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
- CC 15-10 (Immunochemistry)
- TI Cholesteryl hemisuccinate's inductive effect on membrane rigidization regarding both, its remodelling of the cells' surface receptor pattern and its decreasing the natural killer susceptibility of K-562 cells
- ST glycoconjugate tumor membrane natural killer susceptibility; transferrin receptor tumor natural killer susceptibility
- IT Cell membrane
- (fluidity of, lectin and transferrin receptors response to, of tumor, natural killer cell susceptibility in relation to)
- IT Neoplasm, composition
- (lectin and transferrin receptors of, membrane fluidity effect on, natural killer cell susceptibility in relation to)
- IT Carbohydrates and Sugars, compounds
- RL: BIOL (Biological study)
- (conjugates, Con A-binding, of tumor cell membrane, in natural killer cell susceptibility)
- IT Lymphocyte
- (natural killer cell, tumor cell susceptibility to, tumor membrane fluidity in, lectin and transferrin receptor remodeling in relation to)
- IT 492-62-6D,  $\alpha$ -D- Glucose, conjugates 7296-15-3D,  $\alpha$ -D-Mannose, conjugates
- RL: BIOL (Biological study)
- (of tumor cell membrane, in natural killer cell susceptibility)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

- L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN
- CC 1-2 (Pharmacodynamics)
- TI The isolation and identification of 14C-sulfamethazine {4-amino-N-(4,6-dimethyl-2-pyrimidinyl) [14C]benzenesulfonamide} metabolites in the tissues and excreta of swine
- ST sulfamethazine metab
- IT 100-90-3 6149-31-1
- RL: BIOL (Biological study)
- (as sulfamethazine metabolite)
- IT 57-68-1
- RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
- (metabolism of)
- IT 55101-26-3P
- RL: SPN (Synthetic preparation); PREP (Preparation)
- (preparation and as sulfamethazine metabolite)
- IT 52288-04-7P
- RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)  
IT 50-99-7, biological studies  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with sulfamethazine)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

IC ICM C12N015-09

ICS C07H021-04; A61K031-70; A61K048-00

CC 3-1 (Biochemical Genetics)

Section cross-reference(s): 9

TI Nuclease-resistant oligonucleotide-carbohydrate conjugates as inhibitors  
for gene expression

ST gene expression inhibitor oligonucleotide carbohydrate conjugate; nuclease  
resistance oligonucleotide carbohydrate conjugate; sucrose crosslinking  
oligonucleotide nuclease resistance

IT Gene

(expression; nuclease-resistant oligonucleotide-carbohydrate conjugates  
as inhibitors for gene expression)

IT Crosslinking agents

Gene therapy

(nuclease-resistant oligonucleotide-carbohydrate conjugated by)

IT Phosphorothioate oligodeoxyribonucleotides

RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); BUU (Biological use, unclassified); PRP  
(Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP  
(Preparation); USES (Uses)

(nuclease-resistant oligonucleotide-carbohydrate conjugated by)

IT Carbohydrates, biological studies

RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); BUU (Biological use, unclassified); BIOL (Biological  
study); USES (Uses)

(nuclease-resistant oligonucleotide-carbohydrate conjugates as  
inhibitors for gene expression)

IT Oligonucleotides

RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); BUU (Biological use, unclassified); PRP  
(Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP  
(Preparation); USES (Uses)

(nuclease-resistant oligonucleotide-carbohydrate conjugates as  
inhibitors for gene expression)

IT Functional groups

(phosphodiester; nuclease-resistant oligonucleotide-carbohydrate  
conjugated by)

IT 57772-64-2

RL: NUU (Other use, unclassified); USES (Uses)

(crosslinking agent; nuclease-resistant oligonucleotide-carbohydrate  
conjugated by)

IT 9026-81-7, Nuclease

RL: ADV (Adverse effect, including toxicity); CAT (Catalyst use); BIOL  
(Biological study); USES (Uses)

(nuclease-resistant oligonucleotide-carbohydrate conjugates as  
inhibitors for gene expression)

IT 50-99-7D, Glucose, conjugates with oligonucleotide

57-50-1D, Sucrose, conjugates with oligonucleotide 3458-28-4D, Mannose,  
conjugates with oligonucleotide 32181-59-2D, N-Acetylactosamine,  
conjugates with oligonucleotide 98603-84-0D, Sialyl Lewis x, conjugates  
with oligonucleotide

RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); BUU (Biological use, unclassified); BIOL (Biological  
study); USES (Uses)

(nuclease-resistant oligonucleotide-carbohydrate conjugates as  
inhibitors for gene expression)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 1-2 (Pharmacology)  
Section cross-reference(s): 4  
TI Identification of urinary metabolites of cannabidiol in the dog  
ST cannabidiol metabolite identification urine  
IT Urine  
(cannabidiol metabolites in)  
IT 13956-29-1, Cannabidiol  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(metabolism of, urinary metabolites identification in)  
IT 50725-17-2 61361-39-5 61361-42-0 61361-46-4 63958-73-6  
63958-78-1 63958-79-2 63958-80-5 63958-84-9 63958-85-0  
74513-75-0 127876-02-2 130413-89-7 130413-92-2 130413-93-3  
131419-40-4 131419-41-5 131419-42-6 131419-43-7 131419-44-8  
131419-45-9 131419-46-0 131419-47-1 131419-48-2 131419-49-3  
131419-50-6 131419-51-7 131419-52-8 131419-53-9 131419-55-1  
131419-56-2 131419-57-3 131419-58-4 131419-59-5 131419-60-8  
131419-61-9 132469-12-6  
RL: BIOL (Biological study)  
(of urine, as cannabidiol metabolite)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 4-4 (Toxicology)  
Section cross-reference(s): 5  
TI Metabolism of Cytolane systemic insecticide (mephosfolan), propylene  
(diethoxyphosphinyl)dithioimidocarbonate, in cotton plants  
ST Cytolane metab cotton plant; mephosfolan metab cotton plant  
IT Cotton  
(Cytolane metabolism by)  
IT 63353-71-9 63353-72-0  
RL: BIOL (Biological study)  
(Cytolane metabolite, in cotton plants)  
IT 18852-39-6  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(bromination of)  
IT 4386-50-9  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(metabolism of)  
IT 950-10-7  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(metabolism of, by cotton plants)  
IT 63321-73-3P 63321-74-4P  
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(preparation and toxicity of)  
IT 54507-97-0P 63321-75-5P 63321-76-6P 63321-77-7P 63321-78-8P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation of)  
IT 814-49-3  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with (hydroxymethyl)ethylene dithioimidocarbonate  
hydrochloride)  
IT 1498-51-7  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with propylene dithioimidocarbonate)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

IC ICM A61K031-70  
 INCL 514053000  
 CC 1-6 (Pharmacology)  
 Section cross-reference(s): 63  
 TI Method and compositions for treating malignant tumors and inhibiting  
 growth and metastases of malignant tumors  
 ST tumor metastasis inhibitor lactose conjugate  
 IT Antitumor agents  
 Antitumor agents  
 (Hodgkin's disease inhibitors; saccharide-cytotoxic agent conjugates  
 and glutathione reductase inhibitors for inhibiting growth of tumors  
 and metastases)  
 IT Antitumor agents  
 Antitumor agents  
 Antitumor agents  
 (bronchi carcinoma; saccharide-cytotoxic agent conjugates and  
 glutathione reductase inhibitors for inhibiting growth of tumors and  
 metastases)  
 IT Bronchi  
 Bronchi  
 Bronchi  
 Lung, neoplasm  
 Ovary, neoplasm  
 Pancreas, neoplasm  
 Pancreas, neoplasm  
 Prostate gland  
 Testis, neoplasm  
 Testis, neoplasm  
 (carcinoma, inhibitors; saccharide-cytotoxic agent conjugates and  
 glutathione reductase inhibitors for inhibiting growth of tumors and  
 metastases)  
 IT Antitumor agents  
 (colon carcinoma; saccharide-cytotoxic agent conjugates and glutathione  
 reductase inhibitors for inhibiting growth of tumors and metastases)  
 IT Intestine, neoplasm  
 (colon, carcinoma, inhibitors; saccharide-cytotoxic agent conjugates  
 and glutathione reductase inhibitors for inhibiting growth of tumors  
 and metastases)  
 IT Liver, neoplasm  
 (hepatoma, inhibitors; saccharide-cytotoxic agent conjugates and  
 glutathione reductase inhibitors for inhibiting growth of tumors and  
 metastases)  
 IT Antitumor agents  
 (hepatoma; saccharide-cytotoxic agent conjugates and glutathione  
 reductase inhibitors for inhibiting growth of tumors and metastases)  
 IT Hodgkin's disease  
 Hodgkin's disease  
 (inhibitors; saccharide-cytotoxic agent conjugates and glutathione  
 reductase inhibitors for inhibiting growth of tumors and metastases)  
 IT Antitumor agents  
 (lung carcinoma; saccharide-cytotoxic agent conjugates and glutathione  
 reductase inhibitors for inhibiting growth of tumors and metastases)  
 IT Antitumor agents  
 (mammary gland; saccharide-cytotoxic agent conjugates and glutathione  
 reductase inhibitors for inhibiting growth of tumors and metastases)  
 IT Antitumor agents  
 (metastasis; saccharide-cytotoxic agent conjugates and glutathione  
 reductase inhibitors for inhibiting growth of tumors and metastases)  
 IT Mammary gland  
 (neoplasm, inhibitors; saccharide-cytotoxic agent conjugates and  
 glutathione reductase inhibitors for inhibiting growth of tumors and  
 metastases)  
 IT Antitumor agents  
 (ovary carcinoma; saccharide-cytotoxic agent conjugates and glutathione  
 reductase inhibitors for inhibiting growth of tumors and metastases)

IT Antitumor agents  
(pancreas carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)

IT Antitumor agents  
(prostate carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)

IT Antitumor agents  
(rectum carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)

IT Intestine, neoplasm  
(rectum, carcinoma, carcinoma, inhibitors; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)

IT Intestine, neoplasm  
(rectum, carcinoma, inhibitors; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)

IT Antitumor agents  
Antitumor agents  
(testis carcinoma; saccharide-cytotoxic agent conjugates and glutathione reductase inhibitors for inhibiting growth of tumors and metastases)

IT 50-63-5, Chloroquine diphosphate 50-69-1D, Ribose, conjugates with cytotoxic agents 50-99-7D, D-Glucose, conjugates with cytotoxic agents, biological studies 51-61-6D, Dopamine, saccharide conjugates 56-54-2, Quinidine 57-48-7D, Fructose, conjugates with cytotoxic agents 57-50-1D, conjugates with cytotoxic agents 58-86-6D, Xylose, conjugates with cytotoxic agents 59-23-4D, Galactose, conjugates with cytotoxic agents 59-92-7, biological studies 59-92-7D, saccharide conjugates 60-56-0, Methimazole 60-93-5, Quinine dihydrochloride 63-42-3D, Lactose, conjugates with cytotoxic agents 65-42-9D, Lyxose, conjugates with cytotoxic agents 65-85-0D, Benzoic acid, saccharide conjugates, biological studies 67-45-8, Nifludone 69-79-4D, Maltose, conjugates with cytotoxic agents 80-46-6D, 4-tert-Amyl phenol, saccharide conjugates 83-75-0, Quinine ethylcarbonate 93-35-6D, 7-Hydroxy coumarin, saccharide conjugates 98-54-4D, 4-tert-Butyl phenol, saccharide conjugates 99-24-1D, Methyl gallate., saccharide conjugates 117-72-6 123-31-9D, 1,4-Benzenediol, saccharide conjugates, biological studies 130-90-5, Quinine formate 130-93-8, Quinine acetylsalicylate 130-94-9, Quinine ethyl sulfate 130-95-0 130-95-0D, tannin complexes 144-48-9, Iodo-acetamide 146-06-5, Quinine carbonate 146-39-4, Quinine glycerophosphate 146-41-8, Quinine phenolsulfonate 147-81-9D, Arabinose, conjugates with cytotoxic agents 150-76-5D, 4-Methoxy phenol, derivs., saccharide conjugates 150-76-5D, 4-Hydroxyanisole, saccharide conjugates 443-48-1, Metronidazole 528-50-7D, Cellobiose, conjugates with cytotoxic agents 541-15-1 549-47-3, Quinine dihydrobromide 549-48-4, Quinine dihydriodide 549-49-5, Quinine hydrobromide 549-50-8, Quinine hydroiodide 549-52-0, Quinine urea hydrochloride 549-56-4, Quinine bisulfate 749-49-5, Quinine lactate 750-90-3, Quinine salicylate 804-63-7, Quinine sulfate 1758-51-6D, Erythrose, conjugates with cytotoxic agents 1811-31-0D, N-Acetylgalactosamine, conjugates with cytotoxic agents 3458-28-4D, D-Mannose, conjugates with cytotoxic agents 3615-41-6D, Rhamnose, conjugates with cytotoxic agents 4325-25-1, Quinine gluconate 7512-17-6D, conjugates with cytotoxic agents 19163-87-2D, Gulose, conjugates with cytotoxic agents 21373-30-8D, 6-Hydroxydopa, saccharide conjugates 27213-78-1D, tert-Butylcatechol, saccharide conjugates 69758-70-9, Quinine benzoate 150412-80-9

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(saccharide-cytotoxic agent conjugates and glutathione reductase

inhibitors for inhibiting growth of tumors and metastases)  
 IT 9001-48-3, Glutathione reductase.  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (saccharide-cytotoxic agent conjugates and glutathione reductase  
 inhibitors for inhibiting growth of tumors and metastases)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
 CC 4-2 (Toxicology)  
 TI Identification of glucose conjugates as major urinary  
 metabolites of cannabidiol in the dog  
 ST cannabidiol glucose metabolite urine; forensic cannabidiol glucose  
 metabolite  
 IT Legal chemistry and medicine  
 (cannabidiol glucose conjugate of urine in relation  
 to)  
 IT Urine  
 (cannabidiol glucose conjugates of, after  
 cannabidiol exposure)  
 IT 13956-29-1, Cannabidiol  
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
 (Biological study); PROC (Process)  
 (metabolism of, glucose conjugates of urine in)  
 IT 59877-47-3 126371-03-7 126420-96-0  
 RL: BIOL (Biological study)  
 (of urine, after cannabidiol exposure)  
 IT 13956-29-1D, Cannabidiol, metabolites  
 RL: BIOL (Biological study)  
 (of urine, after exposure)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
 IC ICM A61K051-00  
 ICS A61K051-08; G01N033-48; C07K005-12; C07K007-08; C07H017-08;  
 A61K038-08; A61K038-12  
 CC 63-5 (Pharmaceuticals)  
 Section cross-reference(s): 8  
 TI Conjugates comprising cancer cell specific ligands, a sugar and diagnostic  
 agents, and uses thereof  
 ST cyclic peptide sugar contrast agent conjugate tumor imaging  
 IT Imaging agents  
 (NMR contrast; tumor-targeted imaging agents)  
 IT Drug delivery systems  
 (carriers; tumor-targeted imaging agents)  
 IT Positron-emission tomography  
 (imaging agents; tumor-targeted imaging agents)  
 IT Drug delivery systems  
 (prodrugs; tumor-targeted imaging agents)  
 IT Imaging  
 (tumor; tumor-targeted imaging agents)  
 IT 9039-53-6, Urokinase type plasminogen activator  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (agonist; tumor-targeted imaging agents)  
 IT 50-69-1D, Ribose, conjugates 50-99-7D, Glucose,  
 conjugates 154-17-6D, 2-Deoxy-D-Glucose,  
 conjugates 533-67-5D, 2-Deoxy-D-Ribose, conjugates 3416-24-8D,  
 Glucosamine, conjugates 13981-56-1D, Fluorine 18, compds., biological  
 studies 63503-12-8D, 2-18F-Fluoro-2-deoxy-D-glucose,  
 conjugates 616872-58-3  
 RL: DGN (Diagnostic use); BIOL (Biological study); USES (Uses)  
 (tumor-targeted imaging agents)  
 IT 268535-87-1 616866-90-1  
 RL: PRP (Properties)

(unclaimed sequence; conjugates comprising cancer cell specific ligands, a sugar and diagnostic agents, and uses thereof)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
TI Metabolism of rimsulfuron herbicide in tomatoes.

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 7-4 (Enzymes)  
TI Sucrose 6- $\alpha$ -D-glucosyltransferase from Streptococcus sobrinus:  
characterization of a glucosyl-enzyme complex  
ST Streptococcus sucrose glucosyltransferase glucose complex  
IT Stereochemistry  
(of sucrose glucosyltransferase reaction, of Streptococcus sobrinus,  
glucosyl-enzyme complex in relation to)  
IT Kinetics, enzymic  
(of sucrose glucosyltransferase, of Streptococcus sobrinus with  
glucose)  
IT Streptococcus sobrinus  
(sucrose glucosyltransferase of, glucose conjugates  
with, characterization of)  
IT 50-99-7D, D-Glucose, conjugates with sucrose  
glucosyltransferase 9032-14-8D, conjugates with glucose  
RL: PROC (Process)  
(of Streptococcus sobrinus, characterization of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
IC ICM A61K051-08  
CC 8-9 (Radiation Biochemistry).  
Section cross-reference(s): 34, 63  
TI Tc and Re labeler radioactive glycosylated octreotide derivatives  
ST glycosylated octreotide deriv radiolabeled somatostatin receptor binding;  
technetium 99m glycosylated octreotide prepn somatostatin receptor binding  
IT Animal cell line  
(AR42J; somatostatin receptor binding peptidic ligands for diagnostic  
and therapeutic applications in nuclear medicine)  
IT Rearrangement  
(Amadori; somatostatin receptor binding peptidic ligands for diagnostic  
and therapeutic applications in nuclear medicine)  
IT Carbohydrates, biological studies  
Monosaccharides  
Polysaccharides, biological studies  
RL: DGN (Diagnostic use); SPN (Synthetic preparation); BIOL (Biological  
study); PREP (Preparation); USES (Uses)  
(radiolabeled conjugates; somatostatin receptor binding peptidic  
ligands for diagnostic and therapeutic applications in nuclear  
medicine)  
IT Glycosylation  
Human  
Imaging  
Pancreas, neoplasm  
Radiopharmaceuticals  
(somatostatin receptor binding peptidic ligands for diagnostic and  
therapeutic applications in nuclear medicine)  
IT Somatostatin receptors  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(somatostatin receptor binding peptidic ligands for diagnostic and  
therapeutic applications in nuclear medicine)  
IT Peptides, biological studies  
RL: DGN (Diagnostic use); THU (Therapeutic use); BIOL (Biological study);

# USES (Uses)

- (somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
- IT 50-99-7D, Glucose, derivs. with [125I-Tyr3]octreotide 50-99-7D, Glucose, derivs. with iodine labeled, Tyr substituted octreotate 69-79-4D, Maltose, derivs. with [125I-Tyr3]octreotide 1109-28-0D, Maltotriose, derivs. with [125I-Tyr3]octreotide 1109-28-0D, Maltotriose, derivs. with iodine labeled, Tyr substituted octreotate 113202-69-0 113202-69-0D, Maltotriose/glucose/maltose derivs. 473931-63-4 473931-63-4D, Maltotriose/glucose derivs.
- RL: BSU (Biological study, unclassified); BIOL (Biological study) (somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
- IT 473931-73-6D, conjugates with glucose/maltotriose, technetium 99 labeled
- RL: DGN (Diagnostic use); BIOL (Biological study); USES (Uses) (somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
- IT 50-99-7DP, Glucose, radiolabeled conjugates with octreotide analogs 69-79-4DP, Maltose, radiolabeled conjugates with octreotide analogs 1109-28-0DP, Maltotriose, radiolabeled conjugates with octreotide analogs 7440-15-5DP, Rhenium, radioisotopes, glycosylated octreotide analog labeled with, biological studies 473931-67-8DP, technetium 99 complexes
- RL: DGN (Diagnostic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
- IT 142-73-4, Iminodiacetic acid 4377-33-7, Picolyl chloride 71989-35-0 163932-31-8
- RL: RCT (Reactant); RACT (Reactant or reagent) (somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
- IT 16598-05-3P 189337-28-8P 473931-64-5P 473931-65-6P 473931-66-7P 473931-67-8P 473931-68-9P 473931-69-0P 473931-70-3P 473931-72-5DP, glucose conjugates
- RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (somatostatin receptor binding peptidic ligands for diagnostic and therapeutic applications in nuclear medicine)
- IT 7440-26-8DP, Technetium, radioisotopes, glycosylated octreotide analog labeled with, biological studies 14133-76-7P, Technetium 99, biological studies 473931-69-0DP, 99mTc-labeled
- RL: DGN (Diagnostic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (99mTc-labeled glycosylated octreotide analog preparation and somatostatin receptor binding)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

IC ICM C12N011-08

ICS C12N011-06; C12N009-96; C12N009-00

INCL 435188000

CC 7-7 (Enzymes)

Section cross-reference(s): 9

TI Water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers

ST protein stabilization acrylic polymer saccharide linker; enzyme stabilization acrylic polymer saccharide linker

IT Antibodies

Enzymes

Proteins, preparation

RL: SPN (Synthetic preparation); PREP (Preparation)

(conjugates with saccharide linker-containing acrylic polymers;

water-soluble,

stabilized protein conjugates consisting of proteins linked through



saccharide groups to acrylic polymers)

IT Monosaccharides  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (linker; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT Acrylic polymers, preparation  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (saccharide linker-containing, conjugates with proteins; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT Oligosaccharides  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (di-, linker; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT Antibodies  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (monoclonal, conjugates with saccharide linker-containing acrylic polymers; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT Oligosaccharides  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (tri-, linker; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 576-44-3 576-47-6, 6-Amino-6-deoxy-D-glucose 3416-24-8, 2-Amino-2-deoxy-D-glucose  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (linker; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 176496-57-4P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (linker; water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 309-00-2, Aldrin  
 RL: ANT (Analyte); ANST (Analytical study)  
 (water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 9001-37-ODP, Glucose oxidase, conjugates with saccharide linker-containing acrylic polymers 9001-59-6DP, Pyruvate kinase, conjugates with saccharide linker-containing acrylic polymers 9001-60-9DP, Lactate dehydrogenase, conjugates with saccharide linker-containing acrylic polymers 9002-07-7DP, Trypsin, conjugates with saccharide linker-containing acrylic polymers 9003-99-ODP, Peroxidase, conjugates with saccharide linker-containing acrylic polymers 9004-07-3DP,  $\alpha$ -Chymotrypsin, conjugates with saccharide linker-containing acrylic polymers 9014-01-1DP, Subtilisin, conjugates with saccharide linker-containing acrylic polymers 80498-17-5DP, Nuclease, restriction endodeoxyribo-, EcoRI, conjugates with saccharide linker-containing acrylic polymers  
 RL: CAT (Catalyst use); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)  
 (water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 920-46-7, Methacryloyl chloride 13100-46-4, 1,2,3,4-Tetra-O-acetyl- $\beta$ -D-glucopyranose 119051-86-4 176496-54-1 176496-55-2  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 55324-97-5P, 6-Amino-6-deoxy-D-glucose hydrochloride 57649-10-2P, 3-Amino-3-deoxy-D-glucose hydrochloride 79300-77-9DP, lactone form 79300-77-9P, Poly(2-N-methacrylamido-2-deoxy-D-glucose) 84516-65-4P 84516-66-5P, Poly(3-N-methacrylamido-3-deoxy-D-glucose) 133843-27-3P 133843-28-4P, Poly(6-N-methacrylamido-6-deoxy-D-glucose) 176496-56-3P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers)

IT 21026-87-9DP, conjugate with chymotrypsin  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(water-soluble, stabilized protein conjugates consisting of proteins  
linked through saccharide groups to acrylic polymers)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 5-3 (Agrochemical Bioregulators)  
Section cross-reference(s): 17  
TI Fate and metabolism of dichlorprop in cereals and field grass  
ST dichlorprop metab cereal grass  
IT Barley  
Cereal  
Grass  
(dichlorprop metabolism and residues in)  
IT Straw  
(dichlorprop residues in, of cereal species)  
IT Rye  
Wheat  
(winter, dichlorprop metabolism and residues in)  
IT 120-83-2, 2,4-Dichlorophenol 109210-55-1  
RL: BIOL (Biological study)  
(as dichlorprop metabolite, in cereals and field grass)  
IT 120-36-5, Dichlorprop  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(metabolism of, in cereals and field grass)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 5-3 (Agrochemical Bioregulators)  
TI Herbicide safeners induce glucosyltransferase activity in wheat  
ST herbicide safener glucosyltransferase wheat corn  
IT Herbicide antidotes  
Triticum aestivum  
Zea mays  
(herbicide safeners induce glucosyltransferase activity in wheat and  
corn)  
IT 37764-25-3, Dichlormid. 99607-70-2, Cloquintocet mexyl  
RL: AGR (Agricultural use); BSU (Biological study, unclassified); BIOL  
(Biological study); USES (Uses)  
(herbicide safeners induce glucosyltransferase activity in wheat and  
corn)  
IT 9031-48-5, Glucosyltransferase  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(herbicide safeners induce glucosyltransferase activity in wheat and  
corn)  
IT 95-95-4, 2,4,5-Trichlorophenol 100-02-7, 4-Nitrophenol, biological  
studies 117-39-5, Quercetin 133-89-1, UDP-glucose 446-72-0,  
Genistein 479-13-0, Coumesterol 491-70-3, Luteolin  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(substrate for glucosyltransferase activity in wheat and corn treated  
with herbicide safeners)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 11-0 (Plant Biochemistry)  
TI Gibberellin conjugates: an overview  
ST review gibberellin conjugate  
IT Plant  
(gibberellin conjugates)  
IT Gibberellins

RL: ANT (Analyte); BAC (Biological activity or effector, except adverse);  
BPN (Biosynthetic preparation); BSU (Biological study, unclassified); ANST  
(Analytical study); BIOL (Biological study); PREP (Preparation)  
(gibberellin conjugates)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 17-1 (Food and Feed Chemistry)  
Section cross-reference(s): 5  
TI Analysis of chlorsulfuron and metabolite A in green wheat forage by HPLC  
with a photoconductivity detector  
ST chlorsulfuron glucose conjugate detn forage HPLC;  
wheat forage chlorsulfuron detn HPLC; liq chromatog chlorsulfuron  
glucose conjugate  
IT Wheat  
(forage, chlorsulfuron and chlorsulfuron glucose  
conjugate determination in, by HPLC)  
IT 64902-72-3 81123-39-9  
RL: ANT (Analyte); ANST (Analytical study)  
(determination of, in wheat forage, by HPLC)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
IC ICM C12N011-08  
ICS C12N011-14; C12N009-20; C12P007-64  
CC 7-7 (Enzymes)  
Section cross-reference(s): 17, 45, 63  
TI Surfactant-coated lipase complex immobilized on insoluble matrix and its  
uses for transesterification of oils and fats in hydrophobic organic media  
ST lipase surfactant coating immobilization oil fat transesterification  
IT Transesterification  
(biol.; surfactant-coated lipase complex immobilized on insol. matrix  
and its uses for transesterification of oils and fats in hydrophobic  
organic media)  
IT Fatty acids, uses  
RL: NUU (Other use, unclassified); USES (Uses)  
(conjugates, with hydrophilic moiety; surfactant-coated lipase complex  
immobilized on insol. matrix and its uses for transesterification of  
oils and fats in hydrophobic organic media)  
IT Fatty acids, uses  
RL: NUU (Other use, unclassified); USES (Uses)  
(derivs., insol. matrix modified with; surfactant-coated lipase complex  
immobilized on insol. matrix and its uses for transesterification of  
oils and fats in hydrophobic organic media)  
IT Food  
(dietetic; surfactant-coated lipase complex immobilized on insol.  
matrix and its uses for transesterification of oils and fats in  
hydrophobic organic media)  
IT Immobilization, biochemical  
(enzyme; surfactant-coated lipase complex immobilized on insol. matrix  
and its uses for transesterification of oils and fats in hydrophobic  
organic media)  
IT Alcoholysis  
Esterification  
(enzymic; surfactant-coated lipase complex immobilized on insol. matrix  
and its uses for transesterification of oils and fats in hydrophobic  
organic media)  
IT Fatty acids, uses  
RL: NUU (Other use, unclassified); USES (Uses)  
(esters, with hydrophilic moiety; surfactant-coated lipase complex  
immobilized on insol. matrix and its uses for transesterification of  
oils and fats in hydrophobic organic media)  
IT Alcohols, biological studies

RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
(fatty, alcoholysis of; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Fats and Glyceridic oils, biological studies  
RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
(fish; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Bioreactors  
(fixed-bed; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Carboxyl group  
Hydroxyl group  
Phosphate group  
(hydrophilic moiety containing; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Enzymes, biological studies  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); CAT (Catalyst use); PNU (Preparation, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(immobilized; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Fatty acids, biological studies  
RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
(medium-chain; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Mixing  
(of lipase with dissolved surfactant; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Dissolution  
(of surfactant in organic media; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Solvents  
(organic; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Transesterification  
(regioselective, enzymic; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Fatty acids, biological studies  
RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
(short-chain; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Bioreactors  
(stirred-tank; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT Alcoholysis catalysts  
 Aspergillus niger  
 Buffers  
 Burkholderia  
 Candida antarctica  
 Candida cylindracea  
 Coating process  
 Cocoa butter substitutes  
 Dehydration  
 Drying  
 Esterification catalysts  
 Freeze drying  
 Granular materials  
 Humicola  
 Ion exchangers  
 Microorganism  
 Mucor javanicus  
 Pancreas  
 Pseudomonas  
 Pseudomonas fluorescens  
 Rhizomucor miehei  
 Rhizopus  
 Rhizopus japonicus  
 Rhizopus javanicus  
 Rhizopus oryzae  
 Sonication  
 Surfactants  
 Transesterification catalysts  
 (surfactant-coated lipase complex immobilized on insol. matrix and its  
 uses for transesterification of oils and fats in hydrophobic organic  
 media)

IT Canola oil  
 Corn oil  
 Cottonseed oil  
 Fats and Glyceridic oils, biological studies  
 Olive oil  
 Palm oil  
 Peanut oil  
 Soybean oil  
 Sunflower oil  
 RL: BPR (Biological process); BSU (Biological study, unclassified); FFD  
 (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC  
 (Process); RACT (Reactant or reagent); USES (Uses)  
 (surfactant-coated lipase complex immobilized on insol. matrix and its  
 uses for transesterification of oils and fats in hydrophobic organic  
 media)

IT Glycerides, biological studies  
 RL: FFD (Food or feed use); THU (Therapeutic use); BIOL (Biological  
 study); USES (Uses)  
 (surfactant-coated lipase complex immobilized on insol. matrix and its  
 uses for transesterification of oils and fats in hydrophobic organic  
 media)

IT Charcoal  
 Diatomite  
 Silica gel, uses  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (surfactant-coated lipase complex immobilized on insol. matrix and its  
 uses for transesterification of oils and fats in hydrophobic organic  
 media)

IT Fats and Glyceridic oils, biological studies  
 RL: BPR (Biological process); BSU (Biological study, unclassified); FFD  
 (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC  
 (Process); RACT (Reactant or reagent); USES (Uses)  
 (vegetable, Nigella sativa oil; surfactant-coated lipase complex  
 immobilized on insol. matrix and its uses for transesterification of

oils and fats in hydrophobic organic media)

IT Glycoconjugates  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (with fatty acids; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 56090-54-1, Triglycerol  
 RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
 (alcoholysis of; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 1338-41-6, Sorbitan monostearate  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (lipase modified with; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 71-43-2, Benzene, uses 108-20-3, Diisopropylether 108-88-3, Toluene, uses 110-54-3, n-Hexane, uses 110-82-7, Cyclohexane, uses 111-65-9, n-Octane, uses 540-84-1, Isooctane  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (organic solvent; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 50-99-7D, Glucose, conjugates with fatty acids  
 57-10-3D, Hexadecanoic acid, conjugates with hydrophilic moiety, uses  
 57-11-4D, Octadecanoic acid, conjugates with hydrophilic moiety, uses  
 57-50-1D, Sucrose, conjugates with fatty acids 63-42-3D, Lactose, conjugates with fatty acids 143-07-7D, Lauric acid, conjugates with hydrophilic moiety 544-63-8D, Tetradecanoic acid, conjugates with hydrophilic moiety, uses  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (surfactant containing; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 9001-62-1DP, Lipase, surfactant-coated complex, immobilized  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); CAT (Catalyst use); PNU (Preparation, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 57-10-3, Palmitic acid, biological studies 57-11-4, Stearic acid, biological studies 60-33-3, Linolic acid, biological studies 112-80-1, Oleic acid, biological studies 463-40-1, Linolenic acid 506-32-1, Arachidonic acid 25167-62-8, Docosaheptaenoic acid 25378-27-2, Eicosapentaenoic acid  
 RL: BPR (Biological process); BSU (Biological study, unclassified); FFD (Food or feed use); RCT (Reactant); BIOL (Biological study); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
 (surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 471-34-1, Calcium carbonate, uses 637-12-7, Aluminum stearate 1344-28-1, Alumina, uses 7778-18-9, Calcium sulfate 9004-34-6D, Cellulose, ethylsulfoxy derivs., uses 9079-25-8, Amberlite 37199-22-7, Dowex 101239-42-3, Eupergit  
 RL: NUU (Other use, unclassified); USES (Uses)  
 (surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 9001-62-1, Lipase  
 RL: PEP (Physical, engineering or chemical process); RCT (Reactant); PROC

(Process); RACT (Reactant or reagent)

(surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

IT 50-70-4D, Sorbitol, reaction products

RL: NUU (Other use, unclassified); USES (Uses)

(with fatty acids, surfactant containing; surfactant-coated lipase complex immobilized on insol. matrix and its uses for transesterification of oils and fats in hydrophobic organic media)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

IC ICM C12Q001-68

CC 9-5 (Biochemical Methods)

TI Method and device for detecting and quantifying substances in body fluids

ST body fluid in vivo fluorescence sensor; glucose fluorescence sensor implant

IT Body fluid

(analyte determination in, in vivo, fluorescence sensor implant for)

IT Ions in liquids

Pesticides

(determination of, in vivo in body fluid, fluorescence sensor implant for)

IT Antibodies

Antigens

Carbohydrates and Sugars, analysis

Enzymes

Glycolipids

Glycopeptides

Glycoproteins, analysis

Haptens

Hormones

Lipoproteins

Peptides, analysis

Proteins, analysis

Steroids, analysis

RL: ANT (Analyte); ANST (Analytical study)

(determination of, in vivo in body fluid; fluorescence sensor implant for)

IT Acrylic fibers, uses

RL: USES (Uses)

(fluorescein-albumin-glucose and ConA-rhodamine conjugates in, for sensor for in vivo anal. of glucose)

IT Skin

(fluorescence sensor implant in, for analyte detection in vivo in body fluid)

IT Agglutinins and Lectins

Ligands

RL: ANST (Analytical study)

(fluorescent reagent containing analyte analog labeled with fluorophore and containing analyte/analog-binding, in implanted sensor for in vivo anal. of body fluid)

IT Receptors

RL: ANST (Analytical study)

(fluorescent reagent containing analyte analog labeled with fluorophore and containing, in implanted sensor for in vivo anal. of body fluid)

IT Blood analysis

(glucose determination in, by sensor containing fluorescein-albumin-glucose

and

ConA-rhodamine conjugates)

IT Fluorescent substances

(in implanted sensor for in vivo anal. of body fluid)

IT Pharmaceutical analysis

(in vivo in body fluid, fluorescence sensor implant for)

IT Membranes

(selectively-permeable, in sensor for in vivo fluorescence anal. of

body fluids)

IT Ligands  
 RL: ANST (Analytical study)  
 (conjugated, with fluorophore, in implanted sensor for in vivo anal. of body fluid)

IT Albumins, compounds  
 RL: ANST (Analytical study)  
 (conjugates, with fluorescein and glucose, sensor containing, for in vivo anal. of glucose)

IT Pharmaceutical dosage forms  
 (implants, controlled-release, implant sensor for in vivo fluorescence anal. of body fluids for control of)

IT Nucleotides, polymers  
 RL: ANST (Analytical study)  
 (oligo-, conjugates, with energy-absorbing donor/acceptor mols., in implanted fluorescence sensor for in vivo anal. of body fluid)

IT Sensors  
 (optrodes, fluorescent, implants, for analyte determination in body fluid in vivo)

IT Nucleotides, polymers  
 RL: ANT (Analyte); ANST (Analytical study)  
 (poly-, determination of, in vivo in body fluid, fluorescence sensor implant for)

IT 50-99-7, Glucose, analysis 58-55-9, Theophylline, analysis 60-27-5, Creatinine  
 RL: ANT (Analyte); ANST (Analytical study)  
 (determination of, in vivo in body fluid, fluorescence sensor implant for)

IT 25014-41-9, Polyacrylonitrile  
 RL: ANST (Analytical study)  
 (hollow fibers of, fluorescein-albumin-glucose and ConA-rhodamine conjugates in, for sensor for in vivo anal. of glucose)

IT 50-99-7D, Glucose, conjugates with bovine serum albumin and fluorescein 2321-07-5D, Fluorescein, conjugates with bovine serum albumin and glucose 11028-71-0D, ConA, conjugates with rhodamine 13558-31-1D, Rhodamine, derivs., conjugates with ConA  
 RL: ANST (Analytical study)  
 (sensor containing, for in vivo anal. of glucose)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

CC 4-4 (Toxicology)

TI Metabolism in rats of 3-phenoxybenzyl alcohol and 3-phenoxybenzoic acid glycoside conjugates formed in plants

ST phenoxybenzyl alc glycoside metab; phenoxybenzoate glycoside metab

IT Liver, metabolism  
 Organ  
 Stomach, metabolism  
 (phenoxybenzoate and phenoxybenzyl alc. metabolites excretion by)

IT Bile  
 Blood  
 Feces  
 Urine  
 (phenoxybenzoate and phenoxybenzyl alc. metabolites excretion in)

IT Bacteria  
 (intestinal, phenoxybenzoate and phenoxybenzyl alc. glycoside metabolism in relation to)

IT Intestine, metabolism  
 (small, phenoxybenzoate and phenoxybenzyl alc. metabolites excretion by)

IT 3739-38-6D, metabolites 13826-35-2D, metabolites 35065-12-4  
 35101-26-9 57991-35-2 57991-36-3 58218-91-0 63986-16-3  
 63987-17-7 63987-19-9 65658-93-7 66856-01-7 68162-95-8  
 69426-23-9 79114-69-5 96737-96-1 96737-97-2 96751-29-0  
 RL: PROC (Process)



(excretion of, after phenoxybenzyl alc. glycoside administration)  
IT 3739-38-6 13826-35-2  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(metabolism of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 1-2 (Pharmacology)  
Section cross-reference(s): 13  
TI Transport and recognition of aminopeptidase-resistant cellobiose-coupled  
tyrosylglycylglycine by intestinal Na<sup>+</sup>/glucose cotransporter (SGLT1):  
recognition of sugar conjugates by SGLT1 is much less restricted than  
transport  
ST SGLT1 mediated transport cellobiose tyrosylglycylglycine intestine  
IT Transport proteins  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(SGLT1 (sodium-dependent glucose-transporting, 1); transport and  
recognition of aminopeptidase-resistant cellobiose-coupled  
tyrosylglycylglycine by intestinal Na<sup>+</sup>/glucose cotransporter (SGLT1)  
and recognition of sugar conjugates by SGLT1 is much less restricted  
than transport)  
IT Intestine  
(small; transport and recognition of aminopeptidase-resistant  
cellobiose-coupled tyrosylglycylglycine by intestinal Na<sup>+</sup>/glucose  
cotransporter (SGLT1) and recognition of sugar conjugates by SGLT1 is  
much less restricted than transport)  
IT Biological transport  
(transport and recognition of aminopeptidase-resistant  
cellobiose-coupled tyrosylglycylglycine by intestinal Na<sup>+</sup>/glucose  
cotransporter (SGLT1) and recognition of sugar conjugates by SGLT1 is  
much less restricted than transport)  
IT 97-30-3, Methyl  $\alpha$ -glucopyranoside 2788-56-9 74610-70-1  
188851-93-6 247040-39-7  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); BIOL (Biological study)  
(transport and recognition of aminopeptidase-resistant  
cellobiose-coupled tyrosylglycylglycine by intestinal Na<sup>+</sup>/glucose  
cotransporter (SGLT1) and recognition of sugar conjugates by SGLT1 is  
much less restricted than transport)  
IT 158569-75-6  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(transport and recognition of aminopeptidase-resistant  
cellobiose-coupled tyrosylglycylglycine by intestinal Na<sup>+</sup>/glucose  
cotransporter (SGLT1) and recognition of sugar conjugates by SGLT1 is  
much less restricted than transport)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 9-3 (Biochemical Methods)  
Section cross-reference(s): 33  
TI Separation of functionalized dextrans by reversed-phase high-performance  
liquid chromatography  
ST functionalized dextrin sepn reversed phase HPLC; liq chromatog  
functionalized dextrin cyclodextrin  
IT Chromatography, column and liquid  
(preparative, high-performance, reversed-phase, of functionalized  
dextrans)  
IT 9030-09-5, Cyclodextrin-glycosyltransferase  
RL: ANST (Analytical study)  
(for dextrin functionalization for reversed-phase HPLC separation)  
IT 50-99-7DP, D-Glucose, conjugates with maltitol or

maltose or saccharose, preparation 57-50-1DP, Saccharose, conjugates with linear dextrans 69-79-4DP, Maltose, conjugates with linear dextrans 69-79-4DP, conjugates with maltitol or maltose or saccharose 585-88-6DP, conjugates with linear dextrans 1109-28-0DP, conjugates with maltitol or maltose or saccharose 34612-38-9DP, conjugates with maltitol or maltose or saccharose 34620-76-3DP, conjugates with maltitol or maltose or saccharose 34620-77-4DP, conjugates with maltitol or maltose or saccharose

RL: SPN (Synthetic preparation); PREP (Preparation)  
(preparation and separation of, by reversed-phase HPLC)

IT 10016-20-3,  $\alpha$ -Cyclodextrin

RL: RCT (Reactant); RACT (Reactant or reagent)  
(reaction of, with maltitol or maltose or saccharose in functionalized dextrin preparation)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

CC 11-3 (Plant Biochemistry)

TI Endogenous hormones in afterripening wild oat (*Avena fatua*) seed

ST oat seed hormone afterripening; gibberellin oat seed afterripening; cytokinin oat seed afterripening

IT Germination

(cytokinins and gibberellins in, of *Avena fatua*)

IT Seed

(hormones in afterripening, of oat)

IT Imbibition

(hormones of oat seed in relation to)

IT Gibberellins

RL: BIOL (Biological study)

(in oat seeds, in afterripening)

IT Plant hormones and regulators

RL: BIOL (Biological study)

(cytokinins, in oat seeds, in afterripening)

IT Plant growth and development

(dormancy, hormones of oat seed in relation to)

IT Oat

(*A. fatua*, hormones in seeds of, in afterripening)

IT 468-44-0 510-75-8 1637-39-4 6025-53-2 51255-96-0

RL: BIOL (Biological study)

(of oat seeds, in afterripening)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

CC 4-6 (Toxicology)

Section cross-reference(s): 61

TI Altered metabolic elimination of testosterone and associated toxicity following exposure of *Daphnia magna* to nonylphenol polyethoxylate

ST metab testosterone toxicity *Daphnia* nonylphenol polyethoxylate

IT *Daphnia magna*

Death

Hydroxylation

Reproduction, animal

Water pollution

(altered metabolic elimination of testosterone and associated toxicity following exposure of *Daphnia magna* to nonylphenol polyethoxylate)

IT Toxicity

(aquatic; altered metabolic elimination of testosterone and associated toxicity following exposure of *Daphnia magna* to nonylphenol polyethoxylate)

IT Detoxification

(biol.; altered metabolic elimination of testosterone and associated toxicity following exposure of *Daphnia magna* to nonylphenol polyethoxylate)

IT Androgens  
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)  
 (metabolic androgenization; altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)

IT Surfactants  
 (nonylphenol polyethoxylate; altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)

IT 9016-45-9  
 RL: ADV (Adverse effect, including toxicity); POL (Pollutant); BIOL (Biological study); OCCU (Occurrence)  
 (altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)

IT 50-99-7D, Glucose, conjugates with testosterone  
 58-22-0 58-22-0D, conjugates and metabolites 7664-93-9D, Sulfuric acid, conjugates with testosterone, biological studies  
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)  
 (altered metabolic elimination of testosterone and associated toxicity following exposure of Daphnia magna to nonylphenol polyethoxylate)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
 IC ICM C12N011-02  
 CC 7-7 (Enzymes)  
 TI Enzyme immobilization on insoluble protein carrier  
 ST enzyme immobilization protein glucose conjugate;  
 browning protein enzyme immobilization

IT Proteins, biological studies  
 RL: BIOL (Biological study)  
 (browning of, glucose in, for immobilization of enzyme)

IT Caseins, biological studies  
 RL: PREP (Preparation)  
 (browning of, glucose in, for preparation of insol. carrier for immobilization of enzymes)

IT Immobilization, biochemical  
 (of enzyme, on insol. protein carrier, browning reaction in)

IT Browning  
 (of protein, glucose in, for preparation of insol. protein carrier for immobilization of enzyme)

IT Enzymes  
 RL: PREP (Preparation)  
 (immobilized, preparation of, on insol. protein carrier, browning reaction in)

IT 9002-07-7, Trypsin  
 RL: BIOL (Biological study)  
 (immobilization of, on insol. casein, browning of casein to form functional groups for)

IT 50-99-7P, Glucose, preparation  
 RL: PREP (Preparation)  
 (in preparation of insol. protein carrier by browning for enzyme immobilization)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
 CC 1-5 (Pharmacodynamics)  
 TI Various bilirubin conjugates in pregnant and nonpregnant rats with and without phenobarbital treatment  
 ST bilirubin conjugation pregnancy phenobarbital  
 IT Pregnancy  
 (bilirubin conjugation in, phenobarbital effect on)

IT 9030-08-4  
RL: PRP (Properties)  
(activity of, in pregnancy, phenobarbital effect on)  
IT 50-06-6, biological studies  
RL: BIOL (Biological study)  
(bilirubin conjugation response to, in pregnancy)  
IT 635-65-4  
RL: PRP (Properties)  
(conjugation of, phenobarbital effect on, in pregnancy)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
TI Metabolism of fonofos in peanuts

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
CC 5-3 (Agrochemical Bioregulators)  
TI Metribuzin metabolism by tomato cultivars with low, medium, and high  
levels of tolerance to metribuzin  
ST metribuzin metab tomato cultivar  
IT Tomato  
(metribuzin metabolism by different cultivars of, metribuzin tolerance in  
relation to)  
IT Herbicide resistance  
(to metribuzin, metabolism by tomato cultivars in relation to)  
IT 21087-64-9D, Metribuzin, metabolites  
RL: BIOL (Biological study)  
(in tomato cultivars, metribuzin tolerance in relation to)  
IT 21087-64-9, Metribuzin  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(metabolism of, by tomato cultivars, metribuzin tolerance in relation to)  
IT 85946-52-7 85946-53-8  
RL: BIOL (Biological study)  
(metribuzin metabolite, in tomato, metribuzin tolerance in relation to)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
IC ICM A61K031-70  
ICS A61K051-04  
CC 63-6 (Pharmaceuticals)  
Section cross-reference(s): 1, 33  
TI Compositions and methods for treating cancer  
ST anticancer glucose conjugate prepn; radionuclide  
glucosamine anticancer prepn; cancer radionuclide glucosamine conjugate  
prepn  
IT Lymphoma  
(B-cell; compns. and methods for treating cancer)  
IT Lymphoma  
(Burkitt's; compns. and methods for treating cancer)  
IT Animal cell line  
(Hep G2; compns. and methods for treating cancer)  
IT Lymphoma  
(NK cell; compns. and methods for treating cancer)  
IT Lymphoma  
(T-cell; compns. and methods for treating cancer)  
IT Drug delivery systems  
(capsules; compns. and methods for treating cancer)  
IT Uterus, neoplasm  
(cervix; compns. and methods for treating cancer)  
IT Intestine, neoplasm  
(colon; compns. and methods for treating cancer)

IT Antitumor agents  
 Bladder, neoplasm  
 Brain, neoplasm  
 Esophagus, neoplasm  
 Head and Neck, neoplasm  
 Head and Neck, neoplasm  
 Human  
 Lung, neoplasm  
 Mammary gland, neoplasm  
 Melanoma  
 Neoplasm  
 Ovary, neoplasm  
 Prostate gland, neoplasm  
 Skin, neoplasm  
 (compns. and methods for treating cancer)

IT Radionuclides, biological studies  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
 (conjugated with deoxyglucoses; compns. and methods for treating cancer)

IT Neoplasm  
 Neoplasm  
 (head and neck; compns. and methods for treating cancer)

IT Lymphoma  
 (large cell; compns. and methods for treating cancer)

IT Lymphoma  
 (lymphoblastic, acute; compns. and methods for treating cancer)

IT Lymphoma  
 (nodular; compns. and methods for treating cancer)

IT Lymphoma  
 (non-Hodgkin's, mantle cell; compns. and methods for treating cancer)

IT Lymphoma  
 (non-Hodgkin's; compns. and methods for treating cancer)

IT Drug delivery systems  
 (oral; compns. and methods for treating cancer)

IT Drug delivery systems  
 (parenterals; compns. and methods for treating cancer)

IT Drug delivery systems  
 (suppositories; compns. and methods for treating cancer)

IT Drug delivery systems  
 (tablets; compns. and methods for treating cancer)

IT 83411-69-2P, TP 026 141625-86-7P, TP 027 141625-87-8P, TP 010  
 610299-12-2P 610299-19-9P, TP 018 611235-35-9P, TP 030 611235-36-0P,  
 TP 031 611235-38-2P, TP 032 611235-39-3P, TP 011 611235-40-6P, TP  
 012 611235-43-9P, TP 037 611235-46-2P, TP 019 611236-44-3P, TP 017  
 611236-48-7P, TP 020 611236-49-8P, TP 022 611236-51-2P, TP 036  
 611236-89-6P, TP 024 611236-90-9P, TP 014  
 RL: BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)  
 (compns. and methods for treating cancer)

IT 50-07-7DP, Mitomycin, conjugates with deoxyglucoses 50-18-0DP,  
 Cyclophosphamide, conjugates with deoxyglucoses 53-03-2DP, Prednisone,  
 conjugates with deoxyglucoses 59-05-2DP, Methotrexate, conjugates with  
 deoxyglucoses 127-07-1DP, Hydroxyurea, conjugates with deoxyglucoses  
 154-17-6DP, 2-Deoxy-D-glucose, conjugates with  
 antineoplastic agents 671-16-9DP, Procarbazine, conjugates with  
 deoxyglucoses 1949-89-9DP, 2-Deoxy-D-galactose, conjugates with  
 antineoplastic agents 3416-24-8DP, 2-Deoxy-2-amino-D-glucose,  
 conjugates with antineoplastic agents 4342-03-4DP, Dacarbazine,  
 conjugates with deoxyglucoses 7535-00-4DP, conjugates with  
 antineoplastic agents 7689-03-4DP, Camptothecin, conjugates with  
 deoxyglucoses 10043-66-0DP, Iodine 131, compds. with deoxyglucoses,  
 biological studies 10098-91-6DP, Yttrium 90, compds. with deoxyglucoses,

biological studies 14158-31-7DP, Iodine 125, compds. with deoxyglucoses, biological studies 14307-02-9DP, conjugates with antineoplastic agents 14596-37-3DP, Phosphorus-32, compds. with deoxyglucoses, biological studies 15663-27-1DP, Cisplatin, conjugates with deoxyglucoses 19494-89-4DP, 5-Hydroxypyridine-2-carboxaldehyde thiosemicarbazone, conjugates with deoxyglucoses 23214-92-8DP, Doxorubicin, conjugates with deoxyglucoses 23583-41-7DP, 2-Deoxy-D-gulose, conjugates with antineoplastic agents 41575-94-4DP, Carboplatin, conjugates with deoxyglucoses 60239-18-1DP, DOTA, conjugates with deoxyglucoses 60239-18-1DP, DOTA, conjugates with glucosamine 65271-80-9DP, Mitoxanthrone, conjugates with deoxyglucoses 72904-60-0DP, conjugates with antineoplastic agents 143621-35-6DP, 3-Aminopyridine-2-carboxaldehyde thiosemicarbazone, conjugates with deoxyglucoses 610298-97-0DP, conjugates with deoxyglucoses 610299-03-1P 610299-05-3P 610299-11-1P 610299-29-1P 610299-32-6P 610789-69-0P  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(compns. and methods for treating cancer)

IT 66-84-2, Glucosamine hydrochloride 98-61-3 112-60-7, Tetraethylene glycol 619-58-9, 4-Iodobenzoic acid 1711-02-0 2059-76-9 2687-43-6, O-Benzyl hydroxylamine hydrochloride 5292-43-3 15014-25-2 15164-44-0 16004-15-2 19685-11-1 27532-96-3 31827-94-8 42025-68-3 68120-55-8 79640-70-3 105938-46-3 123064-58-4 133834-77-2 133834-87-4 137076-54-1 610299-17-7 610299-23-5 610299-24-6 610299-30-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(compns. and methods for treating cancer)

IT 55790-22-2P 78729-92-7P 289637-26-9P 610299-02-0P 610299-09-7P 610299-10-0P 610299-13-3P 610299-14-4P 610299-15-5P 610299-16-6P 610299-18-8P 610299-20-2P 610299-21-3P 610299-22-4P 610299-25-7P 610299-26-8P 610299-27-9P 610299-28-0P 610299-31-5P 610299-33-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(compns. and methods for treating cancer)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

CC 4-3 (Toxicology)

TI Reductions in steroid hormone biotransformation/elimination as a biomarker of pentachlorophenol chronic toxicity

ST steroid hormone biotransformation biomarker pentachlorophenol toxicity; testosterone biotransformation pentachlorophenol

IT Daphnia magna

Reproduction

(steroid hormone biotransformation/elimination as biomarker of pentachlorophenol chronic toxicity)

IT 87-86-5, Pentachlorophenol

RL: ADV (Adverse effect, including toxicity); BIOL (Biological study) (steroid hormone biotransformation/elimination as biomarker of pentachlorophenol chronic toxicity)

IT 58-22-0, Testosterone

RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process) (steroid hormone biotransformation/elimination as biomarker of pentachlorophenol chronic toxicity)

IT 58-22-0D, Testosterone, hydroxy metabolites and conjugates

RL: BSU (Biological study, unclassified); MFM (Metabolic formation); BIOL (Biological study); FORM (Formation, nonpreparative) (steroid hormone biotransformation/elimination as biomarker of pentachlorophenol chronic toxicity)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L2 174 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN  
 CC 11-2 (Plant Biochemistry)  
 TI Conjugates of the 1',4'-diols of abscisic acid with glucose  
 ST abscisic acid diol glucose tomato  
 IT Tomato  
 (abscisic acid diols metabolism by, glucose conjugates  
 from)  
 IT 21293-29-8, Absciscic acid 21414-42-6 85718-96-3 109785-51-5  
 113276-65-6 113276-66-7 113349-72-7 113349-73-8 117857-67-7  
 RL: FORM (Formation, nonpreparative)  
 (formation of, in tomato)  
 IT 78914-56-4  
 RL: FORM (Formation, nonpreparative)  
 (formation of, in tomato, from abscisic acid diol)  
 IT 117820-18-5 117820-19-6 117820-20-9 117894-06-1  
 RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
 (Biological study); PROC (Process)  
 (metabolism of, by tomato)  
 IT 117820-14-1P 117894-03-8P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (preparation and acetylation of)  
 IT 117820-15-2P 117820-16-3P 117820-17-4P 117852-33-2P 117857-66-6P  
 117894-04-9P 117894-05-0P 117895-20-2P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (preparation of)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> d his

(FILE 'HOME' ENTERED AT 17:36:13 ON 09 JUL 2007)

FILE 'CAPLUS' ENTERED AT 17:36:18 ON 09 JUL 2007

L1 224 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE"  
 L2 174 S L1 AND PY<=2003  
 L3 1 S L2 AND 2-DEOXYGLUCOSE  
 L4 0 S L2 AND (PHOTODYNAMIC OR PHOTSENSITIVE)  
 L5 5 S L2 AND (DIAGNOSTIC OR DIAGNOSIS)  
 L6 47 S "GLUCOSAMINE CONJUGATE"  
 L7 32 S L6 AND PY<=2003

FILE 'STNGUIDE' ENTERED AT 17:40:47 ON 09 JUL 2007

FILE 'CAPLUS' ENTERED AT 17:45:07 ON 09 JUL 2007

=> d l2 1-174 ibib

L2 ANSWER 1 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2004:50297 CAPLUS  
 DOCUMENT NUMBER: 141:116477  
 TITLE: Efficacy of glycoconjugated dinitroanilines against  
 Cryptosporidium parvum  
 AUTHOR(S): Mead, Jan R.; Fauq, Abdul H.; Khan, Murad. A.; McNair,  
 Nina  
 CORPORATE SOURCE: Veterans Affairs Medical Center, Decatur, GA, USA  
 SOURCE: Journal of Eukaryotic Microbiology (2003),  
 50(Suppl.), 550-552  
 CODEN: JEMIED; ISSN: 1066-5234  
 PUBLISHER: Society of Protozoologists  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 2 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2003:836910 CAPLUS  
 DOCUMENT NUMBER: 139:341722  
 TITLE: Conjugates comprising cancer cell specific ligands, a sugar and diagnostic agents, and uses thereof  
 INVENTOR(S): Holick, Michael F.; Ramanathan, Halasya  
 PATENT ASSIGNEE(S): A & D Bioscience, Inc., USA  
 SOURCE: PCT Int. Appl., 26 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003086475	A1	20031023	WO 2003-US11372	20030414 <--
W: CA, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
US 2005255038	A1	20051117	US 2004-510824	20041012
PRIORITY APPLN. INFO.:			US 2002-371672P	P 20020412
			WO 2003-US11372	W 20030414
REFERENCE COUNT:	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 3 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2003:836787 CAPLUS  
 DOCUMENT NUMBER: 139:333096  
 TITLE: Conjugates containing a cancer cell-specific ligand, a sugar, and a cancer chemotherapeutic agent or boron neutron capture therapy agent, and therapeutic use  
 INVENTOR(S): Holick, Michael F.; Ramanathan, Halasya  
 PATENT ASSIGNEE(S): A & D Bioscience, Inc., USA  
 SOURCE: PCT Int. Appl., 27 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003086312	A2	20031023	WO 2003-US11374	20030414 <--
WO 2003086312	A3	20040902		
W: CA, US				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
US 2005233949	A1	20051020	US 2004-510827	20041015
PRIORITY APPLN. INFO.:			US 2002-371674P	P 20020412
			WO 2003-US11374	W 20030414

L2 ANSWER 4 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2003:796502 CAPLUS  
 DOCUMENT NUMBER: 139:312418  
 TITLE: Compositions and methods for treating cancer  
 INVENTOR(S): Tidmarsh, George; Matteucci, Mark; Rao, Photon  
 PATENT ASSIGNEE(S): Threshold Pharmaceuticals, Inc., USA  
 SOURCE: PCT Int. Appl., 76 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:



PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003082301	A1	20031009	WO 2003-US9492	20030328 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003230750	A1	20031013	AU 2003-230750	20030328 <--
US 2004029815	A1	20040212	US 2003-402778	20030328
US 7001888	B2	20060221		
US 2006142207	A1	20060629	US 2005-293042	20051201
PRIORITY APPLN. INFO.:			US 2002-429287P	P 20020329
			US 2003-402778	A1 20030328
			WO 2003-US9492	W 20030328
OTHER SOURCE(S):		MARPAT 139:312418		
REFERENCE COUNT:		4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 5 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2003:570720 CAPLUS  
 DOCUMENT NUMBER: 139:130398  
 TITLE: Methods for cancer imaging  
 INVENTOR(S): Tidmarsh, George; Matteucci, Mark  
 PATENT ASSIGNEE(S): Threshold Pharmaceuticals, Inc., USA  
 SOURCE: PCT Int. Appl., 47 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003059149	A2	20030724	WO 2002-US41339	20021220 <--
WO 2003059149	A3	20030918		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2002360766	A1	20030730	AU 2002-360766	20021220 <--
US 2003152518	A1	20030814	US 2002-327226	20021220 <--
US 6989140	B2	20060124		
US 2006165597	A1	20060727	US 2005-291531	20051130
PRIORITY APPLN. INFO.:			US 2001-342313P	P 20011221
			US 2002-327226	A1 20021220
			WO 2002-US41339	W 20021220

L2 ANSWER 6 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2003:567939 CAPLUS  
 DOCUMENT NUMBER: 139:256547  
 TITLE: Metabolism of Fungicide Diethofencarb in Grape (Vitis  
 vinifera L.): Definitive Identification of Thiolactic  
 Acid Conjugated Metabolites

AUTHOR(S): Fujisawa, Takuo; Ichise-Shibuya, Keiko; Katagi, Toshiyuki; Ruzo, Luis O.; Takimoto, Yoshiyuki  
 CORPORATE SOURCE: Environmental Health Science Laboratory, Sumitomo Chemical Co., Takarazuka, 665-8555, Japan  
 SOURCE: Journal of Agricultural and Food Chemistry (2003), 51(18), 5329-5336  
 CODEN: JAFCAU; ISSN: 0021-8561  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2003:540116 CAPLUS  
 DOCUMENT NUMBER: 139:377911  
 TITLE: Formation and vacuolar localization of salicylic acid glucose conjugates in soybean cell suspension cultures  
 AUTHOR(S): Dean, John V.; Shah, Reena P.; Mohammed, Leila A.  
 CORPORATE SOURCE: Department of Biological Sciences, DePaul University, Chicago, IL, 60614, USA  
 SOURCE: Physiologia Plantarum (2003), 118(3), 328-336  
 CODEN: PHPLAI; ISSN: 0031-9317  
 PUBLISHER: Blackwell Munksgaard  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 8 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2003:203394 CAPLUS  
 DOCUMENT NUMBER: 138:226775  
 TITLE: Preparation of morpholinonydnonimine-sugar conjugates as nitric oxide donors  
 INVENTOR(S): Wang, Peng George; Wu, Xuejun; Tang, Xiaoping  
 PATENT ASSIGNEE(S): Wayne State University, USA  
 SOURCE: U.S. Pat. Appl. Publ., 10 pp.  
 CODEN: USXXCO  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003050256	A1	20030313	US 2001-925816	20010809 <--
US 6867194	B2	20050315		
PRIORITY APPLN. INFO.:			US 2001-925816	20010809
OTHER SOURCE(S):	MARPAT	138:226775		
REFERENCE COUNT:	12	THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 9 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2002:977689 CAPLUS  
 DOCUMENT NUMBER: 138:49902  
 TITLE: 1,2,3,4-Tetrahydroisoquinoline-1,3-dione glycoconjugates, their preparation, and their use as antiviral agents  
 INVENTOR(S): Kinzel, Volker; Reed, Jennifer; Reinhard, Jost; Wiessler, Manfred; Graf von Stosch, Andreas  
 PATENT ASSIGNEE(S): Steinbeis G.m.b.H. & Co. fuer Technologietransfer, Germany  
 SOURCE: PCT Int. Appl., 71 pp.

DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002102416	A2	20021227	WO 2002-DE2103	20020610 <--
WO 2002102416	A3	20030821		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
DE 10129256	A1	20030102	DE 2001-10129256	20010618 <--
AU 2002320870	A1	20030102	AU 2002-320870	20020610 <--
PRIORITY APPLN. INFO.:			DE 2001-10129256	A 20010618
OTHER SOURCE(S):			MARPAT 138:49902	

L2 ANSWER 10 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:948407 CAPLUS  
DOCUMENT NUMBER: 138:268576  
TITLE: Absciscic acid catabolism in maize kernels in response to water deficit at early endosperm development  
AUTHOR(S): Wang, Zhaolong; Mambelli, Stefania; Setter, Tim L.  
CORPORATE SOURCE: Department of Crop and Soil Sciences, Cornell University, Ithaca, NY, 14853, USA  
SOURCE: Annals of Botany (Oxford, United Kingdom) (2002), 90(5), 623-630  
CODEN: ANBOA4; ISSN: 0305-7364  
PUBLISHER: Oxford University Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 11 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:832658 CAPLUS  
DOCUMENT NUMBER: 137:334689  
TITLE: Tc and Re labeler radioactive glycosylated octreotide derivatives  
INVENTOR(S): Wester, Hans-Jurgen; Schottelius, Margret; Schwaiger, Markus  
PATENT ASSIGNEE(S): Mallinckrodt Inc., USA  
SOURCE: PCT Int. Appl., 30 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002085418	A2	20021031	WO 2002-US12565	20020423 <--
WO 2002085418	A3	20030912		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,				

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
 UA, UG, US, UZ, VN, YU, ZA, ZM, ZW  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,  
 KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB,  
 GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA,  
 GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2443273	A1	20021031	CA 2002-2443273	20020423 <--
AU 2002254691	A1	20021105	AU 2002-254691	20020423 <--
EP 1381396	A2	20040121	EP 2002-723932	20020423
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
HU 200303987	A2	20040301	HU 2003-3987	20020423
BR 2002009074	A	20040810	BR 2002-9074	20020423
JP 2005514321	T	20050519	JP 2002-582991	20020423
US 2006165593	A1	20060727	US 2004-475696	20040514
PRIORITY APPLN. INFO.:			EP 2001-201466	A 20010423
			WO 2002-US12565	W 20020423

L2 ANSWER 12 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2002:505969 CAPLUS  
 DOCUMENT NUMBER: 137:165696  
 TITLE: Profiling isoflavonoids found in legume root extracts  
 using capillary electrophoresis  
 AUTHOR(S): Baggett, Brandi R.; Cooper, John D.; Hogan, Eric T.;  
 Carper, Jason; Paiva, Nancy L.; Smith, Joel T.  
 CORPORATE SOURCE: Department of Physical Sciences, Southeastern Oklahoma  
 State University, Durant, OK, 74701-0609, USA  
 SOURCE: Electrophoresis (2002), 23(11), 1642-1651  
 CODEN: ELCTDN; ISSN: 0173-0835  
 PUBLISHER: Wiley-VCH Verlag GmbH  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 13 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2002:461286 CAPLUS  
 DOCUMENT NUMBER: 137:28282  
 TITLE: Method and composition for treating malignant cells  
 INVENTOR(S): Rubin, David  
 PATENT ASSIGNEE(S): Co-Enzyme Technology Ltd., USA  
 SOURCE: U.S., 13 pp., Cont.-in-part of U.S. Ser. No. 90,386,  
 abandoned.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6407071	B1	20020618	US 2000-694679	20001024 <--
PRIORITY APPLN. INFO.:			US 1998-90386	B2 19980604
REFERENCE COUNT:	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 14 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2002:382092 CAPLUS  
 DOCUMENT NUMBER: 137:114470  
 TITLE: Synthesis, Characterization, and Preliminary  
 Biological Study of Glycoconjugates of  
 Poly(styrene-co-maleic acid)  
 AUTHOR(S): Donati, Ivan; Gamini, Amelia; Vetere, Amedeo; Campa,  
 Cristiana; Paoletti, Sergio  
 CORPORATE SOURCE: Department of Biochemistry, Biophysics and

SOURCE: Macromolecular Chemistry, University of Trieste,  
Trieste, I-34127, Italy  
Biomacromolecules (2002), 3(4), 805-812  
CODEN: BOMAF6; ISSN: 1525-7797  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 15 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:325153 CAPLUS  
DOCUMENT NUMBER: 137:180393  
TITLE: 4-Hydroxycinnamoyl-CoA hydratase/lyase, an enzyme of  
phenylpropanoid cleavage from Pseudomonas, causes  
formation of C6-C1 acid and alcohol glucose  
conjugates when expressed in hairy roots of  
Datura stramonium L.  
AUTHOR(S): Mitra, Adinpunya; Mayer, Melinda J.; Mellon, Fred A.;  
Michael, Anthony J.; Narbad, Arjan; Parr, Adrian J.;  
Waldron, Keith W.; Walton, Nicholas J.  
CORPORATE SOURCE: Food Safety Science Division, Institute of Food  
Research, Norwich Research Park, Norwich, Colney, NR4  
7UA, UK  
SOURCE: Planta (2002), 215(1), 79-89  
CODEN: PLANAB; ISSN: 0032-0935  
PUBLISHER: Springer-Verlag  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 63 THERE ARE 63 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 16 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:186885 CAPLUS  
TITLE: Profiling isoflavonoids in legume root extracts using  
capillary electrophoresis  
AUTHOR(S): Baggett, Brandi R.; Cooper, John D.; Paiva, Nancy L.;  
Smith, Joel T.  
CORPORATE SOURCE: Department of Physical Sciences, Southeastern Oklahoma  
State University, Durant, OK, 74701, USA  
SOURCE: Abstracts of Papers, 223rd ACS National Meeting,  
Orlando, FL, United States, April 7-11, 2002 (  
2002), CHED-254. American Chemical Society:  
Washington, D. C.  
CODEN: 69CKQP  
DOCUMENT TYPE: Conference; Meeting Abstract  
LANGUAGE: English

L2 ANSWER 17 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:184603 CAPLUS  
DOCUMENT NUMBER: 137:216802  
TITLE: Construction of nobel functional library which have  
diversity and self-replicating ability  
AUTHOR(S): Ebara, Yasuhito  
CORPORATE SOURCE: Dep. Human Environment, Kobe Univ., Japan  
SOURCE: Asahi Garasu Zaidan Josei Kenkyu Seika Hokoku [online  
computer file] (2001) No pp. given  
CODEN: AGSHEN; ISSN: 0919-9179  
URL: <http://www.af-info.or.jp/jpn/subsidy/report2/2001/body/01A-C16-P080.TXT>  
PUBLISHER: Asahi Garasu Zaidan  
DOCUMENT TYPE: Journal; (online computer file)  
LANGUAGE: Japanese

L2 ANSWER 18 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2002:159116 CAPLUS  
DOCUMENT NUMBER: 136:336494  
TITLE: Identification of Fonofos Metabolites in *Latuca sativa*; *Beta vulgaris*, and *Triticum aestivum* by Packed Capillary Flow Fast Atom Bombardment Tandem Mass Spectrometry  
AUTHOR(S): Onisko, Bruce C.; Tambling, Doug R.; Gorder, Greg W.; Diaz, David G.; Ericson, John L.; Prisbylla, Mike P.; Spillner, Chuck J.  
CORPORATE SOURCE: Syngenta, Richmond, CA, 94804-0023, USA  
SOURCE: Journal of Agricultural and Food Chemistry (2002), 50(7), 1922-1928  
CODEN: JAFCAU; ISSN: 0021-8561  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 19 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:109718 CAPLUS  
DOCUMENT NUMBER: 136:355408  
TITLE: Synthesis of amino-glucose conjugates of 5-fluorouracil-1-acetic acid and 5-fluorouracil-1-propanoic acid and their antitumor activities  
AUTHOR(S): Zuo, Daishu; Tao, Jiang; Guan, Huashi; Xin, Qin; Quan, Tian; Liu, Fulong  
CORPORATE SOURCE: Marine Drug and Food Institute, Ocean University of Qingdao, 266003, Peop. Rep. China  
SOURCE: Journal of Chinese Pharmaceutical Sciences (2001), 10(4), 193-195  
CODEN: JCHSE4; ISSN: 1003-1057  
PUBLISHER: Beijing Medical University, School of Pharmaceutical Sciences  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 136:355408  
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 20 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:88848 CAPLUS  
DOCUMENT NUMBER: 136:381700  
TITLE: Herbicide safeners induce glucosyltransferase activity in wheat  
AUTHOR(S): Brazier, M.; Edwards, R.; Cole, D. J.  
CORPORATE SOURCE: Department of Biological Sciences, University of Durham, DH1 3LE, UK  
SOURCE: BCPC Conference--Weeds (2001), (Vol. 2), 539-544  
CODEN: BCCOBC  
PUBLISHER: British Crop Protection Council  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 21 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:88401 CAPLUS  
DOCUMENT NUMBER: 137:206506  
TITLE: Functionalized surfaces for optical biosensors: applications to in vitro pesticide residual analysis  
AUTHOR(S): Svitel, J.; Surugiu, I.; Dzgoev, A.; Ramanathan, K.; Danielsson, B.

CORPORATE SOURCE: Pure and Applied Biochemistry, Lund University, Lund,  
22100, Swed.  
SOURCE: Journal of Materials Science: Materials in Medicine (  
2001), 12(10/11/12), 1075-1078  
CODEN: JSMMEJ; ISSN: 0957-4530  
PUBLISHER: Kluwer Academic Publishers  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 22 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2002:15510 CAPLUS  
DOCUMENT NUMBER: 136:290458  
TITLE: Herbicide metabolism and tolerance in the transgenic  
rice plants expressing human Cyp2c9 and Cyp2c19  
AUTHOR(S): Inui, Hideyuki; Shiota, Noriaki; Ido, Yoshiko; Inoue,  
Tomomi; Hirose, Sakiko; Kawahigashi, Hiroyuki; Ohkawa,  
Yasunobu; Ohkawa, Hideo  
CORPORATE SOURCE: Research Center for Environmental Genomics, Kobe  
University, Nada-ku, Kobe, 657-8501, Japan  
SOURCE: Pesticide Biochemistry and Physiology (2001  
, 71(3), 156-169  
CODEN: PCBPBS; ISSN: 0048-3575  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 23 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2001:529331 CAPLUS  
DOCUMENT NUMBER: 136:272743  
TITLE: Inactivation of O6-methylguanine-DNA methyltransferase  
by glucose-conjugated inhibitors  
AUTHOR(S): Reinhard, Jost; Eichhorn, Uta; Wiessler, Manfred;  
Kaina, Bernd  
CORPORATE SOURCE: Division of Molecular Toxicology, German Cancer  
Research Center, Heidelberg, Germany  
SOURCE: International Journal of Cancer (2001),  
93(3), 373-379  
CODEN: IJCNAW; ISSN: 0020-7136  
PUBLISHER: Wiley-Liss, Inc.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 24 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2001:389833 CAPLUS  
DOCUMENT NUMBER: 135:222607  
TITLE: Glucosylation as a mechanism of resistance to  
thaxtomin A in potatoes  
AUTHOR(S): Acuna, I. A.; Strobel, G. A.; Jacobsen, B. J.;  
Corsini, D. L.  
CORPORATE SOURCE: Department of Plant Sciences and Plant Pathology,  
Montana State University, Bozeman, MT, 59715-3150, USA  
SOURCE: Plant Science (Shannon, Ireland) (2001),  
161(1), 77-88  
CODEN: PLSCE4; ISSN: 0168-9452  
PUBLISHER: Elsevier Science Ireland Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 25 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:861818 CAPLUS

DOCUMENT NUMBER: 134:26057

TITLE: Conjugates of lysinamide and/or ornithinamide with cholesterol and their preparation and use for gene transfer

INVENTOR(S): Park, Jong Sang; Choi, Joon Sig; Lee, Eun Jung; Jang, Hyung Suk

PATENT ASSIGNEE(S): S. Korea

SOURCE: PCT Int. Appl., 35 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000073471	A1	20001207	WO 2000-KR548	20000529 <--
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
KR 2001069179	A	20010723	KR 2000-16261	20000329 <--
EP 1185674	A1	20020313	EP 2000-935672	20000529 <--
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
JP 2003501363	T	20030114	JP 2001-500783	20000529 <--
KR 2002013528	A	20020220	KR 2001-713632	20011024 <--
PRIORITY APPLN. INFO.:			KR 1999-19511	A 19990528
			KR 2000-16261	A 20000329
			WO 2000-KR548	W 20000529

OTHER SOURCE(S): MARPAT 134:26057

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 26 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:857135 CAPLUS

DOCUMENT NUMBER: 134:174775

TITLE: New feature of angiotensin-converting enzyme: carbohydrate-recognizing domain

AUTHOR(S): Kost, Olga A.; Bovin, Nicolai V.; Chemodanova, Elena E.; Nasonov, Vitaly V.; Orth, Tatiana A.

CORPORATE SOURCE: Chemistry Department, M.V. Lomonosov Moscow State University, Moscow, 119899, Russia

SOURCE: Journal of Molecular Recognition (2000), 13(6), 360-369

CODEN: JMORE4; ISSN: 0952-3499

PUBLISHER: John Wiley & Sons Ltd.

DOCUMENT TYPE: Journal

LANGUAGE: English

REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 27 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2000:744219 CAPLUS

DOCUMENT NUMBER: 134:96691

TITLE: Transportability and recognizability of SGLT1 for alkyl glucosides: TRN (transportable, recognizable, non-interactive) classification of glucose



conjugates  
 AUTHOR(S): Mizuma, Takashi; Matsumoto, Seiichi; Awazu, Shoji  
 CORPORATE SOURCE: Department of Biopharmaceutics and Drug Rational  
 Research Center, School of Pharmacy, Tokyo University  
 of Pharmacy and Life Science, Hachioji, 192-0392,  
 Japan  
 SOURCE: International Congress Series (2000),  
 1208(Control and Diseases of Sodium Dependent  
 Transport Proteins and Ion Channels), 357-358  
 CODEN: EXMDA4; ISSN: 0531-5131  
 PUBLISHER: Elsevier Science B.V.  
 DOCUMENT TYPE: Journal; General Review  
 LANGUAGE: English  
 REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 28 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2000:701387 CAPLUS  
 DOCUMENT NUMBER: 134:67666  
 TITLE: Selective Neoglycosylation Increases the Structural  
 Stability of Vicilin, the 7S Storage Globulin from Pea  
 Seeds  
 AUTHOR(S): Pedrosa, Cristiana; De Felice, Fernanda G.;  
 Trisciuzzi, Cristina; Ferreira, Sergio T.  
 CORPORATE SOURCE: Departamento de Bioquimica Medica, Instituto de  
 Ciencias Biomedicas, Universidade Federal do Rio de  
 Janeiro, Rio de Janeiro, RJ 21941-590, Brazil  
 SOURCE: Archives of Biochemistry and Biophysics (2000  
 ), 382(2), 203-210  
 CODEN: ABBIA4; ISSN: 0003-9861  
 PUBLISHER: Academic Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 44 THERE ARE 44 CITED REFERENCES AVAILABLE FOR THIS.  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 29 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2000:688353 CAPLUS  
 DOCUMENT NUMBER: 133:263222  
 TITLE: Surfactant-coated lipase complex immobilized on  
 insoluble matrix and its uses for transesterification  
 of oils and fats in hydrophobic organic media  
 INVENTOR(S): Basheer, Sobhi  
 PATENT ASSIGNEE(S): Enzymotec Ltd., Israel  
 SOURCE: PCT Int. Appl., 79 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000056869	A2	20000928	WO 2000-IL166	20000316 <--
WO 2000056869	A3	20010208		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2368179	A1	20000928	CA 2000-2368179	20000316 <--

EP 1163329	A2	20011219	EP 2000-911221	20000316 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				
IE, SI, LT, LV, FI, RO				
JP 2002539782	T	20021126	JP 2000-606728	20000316 <--
NZ 514271	A	20030829	NZ 2000-514271	20000316 <--
AU 773466	B2	20040527	AU 2000-33206	20000316
PRIORITY APPLN. INFO.:			IL 1999-129086	A 19990322
			AU 1998-87608	A3 19980728
			WO 2000-IL166	W 20000316

L2 ANSWER 30 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2000:379560 CAPLUS  
 DOCUMENT NUMBER: 133:117477  
 TITLE: Extracellular  $\beta$ -glucosidase activity in barley  
 involved in the hydrolysis of ABA glucose  
 conjugate in leaves  
 AUTHOR(S): Dietz, Karl-Josef; Sauter, Angela; Wichert, Kathrin;  
 Messdaghi, David; Hartung, Wolfram  
 CORPORATE SOURCE: Julius-von-Sachs-Institut für Biowissenschaften,  
 Universität Würzburg, Würzburg, D-97082, Germany  
 SOURCE: Journal of Experimental Botany (2000),  
 51(346), 937-944  
 CODEN: JEBOA6; ISSN: 0022-0957  
 PUBLISHER: Oxford University Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 31 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2000:304074 CAPLUS  
 DOCUMENT NUMBER: 133:84483  
 TITLE: Intestinal transport and metabolism of  
 glucose-conjugated kyotorphin and cyclic kyotorphin:  
 metabolic degradation is crucial to intestinal  
 absorption of peptide drugs  
 AUTHOR(S): Mizuma, T.; Koyanagi, A.; Awazu, S.  
 CORPORATE SOURCE: School of Pharmacy, Department of Biopharmaceutics and  
 Drug Rational Research Center, Tokyo Yakka University  
 (Tokyo University of Pharmacy and Life Science,  
 TUPLS), Hachioji, Tokyo, Japan  
 SOURCE: Biochimica et Biophysica Acta, General Subjects (  
 2000), 1475(1), 90-98  
 CODEN: BBGSB3; ISSN: 0304-4165  
 PUBLISHER: Elsevier B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 32 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 2000:292292 CAPLUS  
 DOCUMENT NUMBER: 133:105211  
 TITLE: Synthesis of water soluble O-glycosides of  
 N-(hydroxyalkyl)aminomethylferrocenes  
 AUTHOR(S): Landells, John S.; Kerr, Joy L.; Larsen, David S.;  
 Robinson, Brian H.; Simpson, Jim  
 CORPORATE SOURCE: Department of Chemistry, University of Otago, Dunedin,  
 N. Z.  
 SOURCE: Dalton (2000), (9), 1403-1409  
 CODEN: DALTFG; ISSN: 1470-479X  
 PUBLISHER: Royal Society of Chemistry  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 133:105211

REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 33 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2000:276052 CAPLUS  
DOCUMENT NUMBER: 133:27511  
TITLE: Metabolism of fluoranthene in different plant cell  
cultures and intact plants  
AUTHOR(S): Kolb, Marit; Harms, Hans  
CORPORATE SOURCE: Institut fur Pflanzenernahrung und Bodenkunde,  
Bundesforschungsanstalt fur Landwirtschaft,  
Braunschweig, D-38116, Germany  
SOURCE: Environmental Toxicology and Chemistry (2000  
) , 19(5) , 1304-1310  
CODEN: ETOCDK; ISSN: 0730-7268  
PUBLISHER: SETAC Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 34 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2000:189592 CAPLUS  
DOCUMENT NUMBER: 133:26743  
TITLE: Systemically administered d-glucose  
conjugates of 7-chlorokynurenic acid are  
centrally available and exert anticonvulsant activity  
in rodents  
AUTHOR(S): Battaglia, G.; La Russa, M.; Bruno, V.; Arenare, L.;  
Ippolito, R.; Copani, A.; Bonina, F.; Nicoletti, F.  
CORPORATE SOURCE: I.N.M. Neuromed, Pozilli, Italy  
SOURCE: Brain Research (2000) , 860(1,2) , 149-156  
CODEN: BRREAP; ISSN: 0006-8993  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 35 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 2000:148987 CAPLUS  
DOCUMENT NUMBER: 132:318788  
TITLE: Changes in the Metabolic Elimination Profile of  
Testosterone Following Exposure of the Crustacean  
Daphnia magna to Tributyltin  
AUTHOR(S): LeBlanc, Gerald A.; McLachlan, James B.  
CORPORATE SOURCE: Department of Toxicology, North Carolina State  
University, Raleigh, NC, 27695-7633, USA  
SOURCE: Ecotoxicology and Environmental Safety (2000  
) , 45(3) ; 296-303  
CODEN: EESADV; ISSN: 0147-6513  
PUBLISHER: Academic Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 36 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1999:763877 CAPLUS  
DOCUMENT NUMBER: 132:466  
TITLE: Treatment of C. difficile toxin B associated  
conditions  
INVENTOR(S): Armstrong, Glen D.; Heerzè, Louis D.  
PATENT ASSIGNEE(S): Synsorb Biotech, Inc., Can..  
SOURCE: PCT Int. Appl., 54 pp.

DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9961031	A1	19991202	WO 1999-CA484	19990527 <--
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6013635	A	20000111	US 1998-85032	19980528 <--
CA 2321927	A1	19991202	CA 1999-2321927	19990527 <--
AU 9941253	A	19991213	AU 1999-41253	19990527 <--
EP 1089740	A1	20010411	EP 1999-924602	19990527 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002516284	T	20020604	JP 2000-550491	19990527 <--
EP 1704865	A2	20060927	EP 2006-9088	19990527
EP 1704865	A3	20061206		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
US 6107282	A	20000822	US 1999-419790	19991018 <--
US 6465435	B1	20021015	US 2000-593040	20000613 <--
NO 2000005992	A	20010124	NO 2000-5992	20001127 <--
JP 2006213735	A	20060817	JP 2006-136969	20060516
PRIORITY APPLN. INFO.:				
US 1998-85032 A 19980528				
EP 1999-924602 A3 19990527				
JP 2000-550491 A3 19990527				
WO 1999-CA484 W 19990527				
US 1999-419790 A1 19991018				

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 37 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1999:590227 CAPLUS  
 DOCUMENT NUMBER: 131:334638  
 TITLE: Salicylic acid induces resistance to Alternaria solani in hydroponically grown tomato  
 AUTHOR(S): Spletzer, Matthew E.; Enyedi, Alexander J.  
 CORPORATE SOURCE: Department of Biological Sciences, Western Michigan University, Kalamazoo, MI, 49008-3899, USA  
 SOURCE: Phytopathology (1999), 89(9), 722-727  
 CODEN: PHYTAJ; ISSN: 0031-949X  
 PUBLISHER: American Phytopathological Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 38 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1999:547405 CAPLUS  
 DOCUMENT NUMBER: 131:295054  
 TITLE: Transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na<sup>+</sup>/glucose cotransporter (SGLT1): recognition of sugar conjugates by SGLT1 is much less restricted than transport  
 AUTHOR(S): Mizuma, Takashi; Sakai, Norio; Hagi, Katsura; Awazu,

Shoji  
CORPORATE SOURCE: Department of Biopharmaceutics and Drug Rational  
Research Center, School of Pharmacy, Tokyo University  
of Pharmacy and Life Science, Tokyo, 192-0392, Japan  
SOURCE: Biological & Pharmaceutical Bulletin (1999),  
22(8), 876-879  
CODEN: BPBLEO; ISSN: 0918-6158  
PUBLISHER: Pharmaceutical Society of Japan  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 39 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1999:366895 CAPLUS  
DOCUMENT NUMBER: 131:40890  
TITLE: Herbicide metabolism in plants: integrated pathways of  
detoxification  
AUTHOR(S): Kreuz, Klaus; Martinoia, Enrico  
CORPORATE SOURCE: Novartis Crop Protection Ag, Basel, CH-4002, Switz.  
SOURCE: Special Publication - Royal Society of Chemistry (  
1999), 233(Pesticide Chemistry and  
Bioscience), 279-287  
CODEN: SROCDO; ISSN: 0260-6291  
PUBLISHER: Royal Society of Chemistry  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English  
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 40 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1999:215196 CAPLUS  
DOCUMENT NUMBER: 131:27433  
TITLE: Identification of glucoside and carboxyl-linked  
glucuronide conjugates of mycophenolic acid in plasma  
of transplant recipients treated with mycophenolate  
mofetil  
AUTHOR(S): Shipkova, Maria; Armstrong, Victor William; Wieland,  
Eberhard; Niedmann, Paul Dieter; Schutz, Ekkehard;  
Brenner-Weiss, Gerald; Voihsel, Martin; Braun, Felix;  
Oellerich, Michael  
CORPORATE SOURCE: Abteilung Klinische Chemie, Georg-August-Universitat  
Gottingen, Germany  
SOURCE: British Journal of Pharmacology (1999),  
126(5), 1075-1082  
CODEN: BJPCBM; ISSN: 0007-1188  
PUBLISHER: Stockton Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 41 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1999:63555 CAPLUS  
DOCUMENT NUMBER: 130:246248  
TITLE: Intestinal absorption of acyclovir  $\beta$ -glucoside:  
comparative study with acyclovir, guanosine, and  
kinetin  $\beta$ -glucoside  
AUTHOR(S): Mizuma, Takashi; Masubuchi, Satoshi; Awazu, Shoji  
CORPORATE SOURCE: Department of Biopharmaceutics and Drug Rational  
Research Center, School of Pharmacy, Tokyo University  
of Pharmacy and Life Science, Tokyo, 192-03, Japan  
SOURCE: Pharmaceutical Research (1999), 16(1), 69-73  
CODEN: PHREEB; ISSN: 0724-8741  
PUBLISHER: Plenum Publishing Corp.

DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 42 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1998:553866 CAPLUS  
DOCUMENT NUMBER: 129:313801  
TITLE: Factors that cause the  $\beta$ -anomeric preference of  
Na<sup>+</sup>/glucose cotransporter for intestinal transport of  
monosaccharide conjugates  
AUTHOR(S): Mizuma, Takashi; Nagamine, Yasuo; Dobashi, Akira;  
Awazu, Shoji  
CORPORATE SOURCE: School of Pharmacy, Department of Biopharmaceutics,  
Tokyo University of Pharmacy and Life Science,  
Hachioji, Tokyo, 192-03, Japan  
SOURCE: Biochimica et Biophysica Acta, General Subjects (  
1998), 1381(3), 340-346  
CODEN: BBGSB3; ISSN: 0304-4165  
PUBLISHER: Elsevier B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 43 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1998:395747 CAPLUS  
DOCUMENT NUMBER: 129:147128  
TITLE: Intestinal metabolism and transport of  
 $\alpha$ -disaccharide conjugates: the role of  
disaccharidase in the Na<sup>+</sup>/glucose cotransporter-  
mediated transport  
AUTHOR(S): Mizuma, T.; Awazu, S.  
CORPORATE SOURCE: Department of Biopharmaceutics, School of Pharmacy,  
Tokyo University of Pharmacy and Life Science (TUPLS),  
Tokyo, 192-03, Japan  
SOURCE: Research Communications in Molecular Pathology and  
Pharmacology (1998), 100(1), 43-52  
CODEN: RCMPE6; ISSN: 1078-0297  
PUBLISHER: PJD Publications Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 44 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1998:392141 CAPLUS  
DOCUMENT NUMBER: 129:36442  
TITLE: Method and compositions for treating malignant tumors  
and inhibiting metastases of malignant tumors  
INVENTOR(S): Rubin, David  
PATENT ASSIGNEE(S): CO Enzyme Technology Ltd., USA  
SOURCE: U.S., 12 pp., Cont.-in-part of U. S. 5,639,737.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 6  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5760008	A	19980602	US 1996-666643	19960618 <--
US 5340803	A	19940823	US 1993-57666	19930505 <--
US 5476842	A	19951219	US 1993-138195	19931020 <--
US 5639737	A	19970617	US 1994-360352	19941221 <--

## PRIORITY APPLN. INFO.:

US 1991-787347 B2 19911104  
US 1993-57666 A2 19930505  
US 1993-138195 A2 19931020  
US 1994-360352 A2 19941221

REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 45 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:333653 CAPLUS

DOCUMENT NUMBER: 129:37220

TITLE: Nuclease-resistant oligonucleotide-carbohydrate  
conjugates as inhibitors for gene expression

INVENTOR(S): Veerapanane, Dange; Nosawa, Iwao

PATENT ASSIGNEE(S): Hisamitsu Pharmaceutical Co., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 10127293	A	19980519	JP 1997-126493	19970430 <--
PRIORITY APPLN. INFO.:			US 1996-640263	A 19960430

L2 ANSWER 46 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:202641 CAPLUS

DOCUMENT NUMBER: 128:266977

TITLE: Complexes of nucleic acid and polylysine conjugated  
with non-charged residues and recognition signals for  
the transfection of cells

INVENTOR(S): Midoux, Patrick; Erbacher, Patrick; Roche-Degremont,  
Annie-Claude; Monsigny, Michel

PATENT ASSIGNEE(S): I.D.M. Immuno-Designed Molecules, Fr.

SOURCE: U.S., 53 pp., Cont.-in-part of U.S. 505,068,  
abandoned.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5733762	A	19980331	US 1996-741678	19961031 <--
FR 2719316	A1	19951103	FR 1994-5174	19940428 <--
FR 2719316	B1	19960531		
US 5595897	A	19970121	US 1994-288681	19940810 <--
CA 2187629	A1	19951109	CA 1995-2187629	19950424 <--
CA 2187629	C	20040921		
ES 2181775	T3	20030301	ES 1995-918049	19950424 <--
PRIORITY APPLN. INFO.:			FR 1994-5174	A 19940428
			US 1994-288681	A2 19940810
			US 1995-505068	B2 19950721

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 47 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1998:178068 CAPLUS

DOCUMENT NUMBER: 129:1591

TITLE: Altered metabolic elimination of testosterone and  
associated toxicity following exposure of Daphnia  
magna to nonylphenol polyethoxylate

AUTHOR(S): Baldwin, William S.; Graham, Stephen E.; Shea, Damian;

CORPORATE SOURCE: Leblanc, Gerald A.  
 SOURCE: Department of Toxicology, North Carolina State University, Raleigh, NC, 27695-7633, USA  
 Ecotoxicology and Environmental Safety (1998), 39(2), 104-111  
 CODEN: EESADV; ISSN: 0147-6513  
 PUBLISHER: Academic Press  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 48 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1998:126376 CAPLUS  
 DOCUMENT NUMBER: 128:189187  
 TITLE: Delivery of nucleic acids to airway epithelial cells as complexes with glycosylated derivatives of polylysine  
 INVENTOR(S): Glick, Mary Catherine; Scanlin, Thomas F.; Kollen, Wouter J. W.  
 PATENT ASSIGNEE(S): Children's Hospital of Philadelphia, USA  
 SOURCE: PCT Int. Appl., 85 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9806869	A1	19980219	WO 1997-US14280	19970813 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5948681	A	19990907	US 1997-907673	19970808 <--
AU 9740659	A	19980306	AU 1997-40659	19970813 <--
PRIORITY APPLN. INFO.: US 1996-23941P P 19960814				
US 1997-907673 A 19970808				
WO 1997-US14280 W 19970813				
REFERENCE COUNT:	4	THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT		

L2 ANSWER 49 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1998:62823 CAPLUS  
 DOCUMENT NUMBER: 128:114228  
 TITLE: Fate of [14C]Diphenylamine in Stored Apples  
 AUTHOR(S): Kim-Kang, Heasook; Robinson, Robert A.; Wu, Jinn  
 CORPORATE SOURCE: XenoBiotic Laboratories Inc., Plainsboro, NE, 08536, USA  
 SOURCE: Journal of Agricultural and Food Chemistry (1998), 46(2), 707-717  
 CODEN: JAFCAU; ISSN: 0021-8561  
 PUBLISHER: American Chemical Society  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 50 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1998:15266 CAPLUS



DOCUMENT NUMBER: 128:178438  
TITLE: Intestinal Na<sup>+</sup>/glucose cotransporter-mediated transport of glucose conjugate formed from disaccharide conjugate  
AUTHOR(S): Mizuma, Takashi; Awazu, Shoji  
CORPORATE SOURCE: Hachioji, Horinouchi, School of Pharmacy, Department of Biopharmaceutics, Tokyo University of Pharmacy and Life Science, Tokyo 192-03, 1432-1, Japan  
SOURCE: Biochimica et Biophysica Acta, General Subjects (1998), 1379(1), 1-6  
CODEN: BBGSB3; ISSN: 0304-4165  
PUBLISHER: Elsevier B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 51 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1997:805512 CAPLUS  
DOCUMENT NUMBER: 128:102303  
TITLE: Cellulase-catalyzed transglucosylation of acetaminophen and acyclovir: preparative enzymic synthesis of  $\beta$ - glucose conjugate  
AUTHOR(S): Mizuma, Takashi; Masubuchi, Satoshi; Awazu, Shoji  
CORPORATE SOURCE: Department of Biopharmaceutics and Drug Rational Research Center School of Pharmacy, Tokyo University of Pharmacy and Life Science, Tokyo, 192-03, Japan  
SOURCE: Pharmaceutical Research (1997), 14(11), 1647-1650  
CODEN: PHREEB; ISSN: 0724-8741  
PUBLISHER: Plenum Publishing Corp.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 52 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1997:772809 CAPLUS  
DOCUMENT NUMBER: 128:47444  
TITLE: Method for the determination of imazamox and its two hydroxy and glucose conjugate metabolites in adzuki beans by capillary electrophoresis  
AUTHOR(S): Ohba, Kaori; Minoura, Masaaki; Safarpour, Maximilian M.; Picard, Gerald L.; Safarpour, Hudan  
CORPORATE SOURCE: Tahara Agric. Cent., Cyanamid (Japan) Ltd., Aichi, 441-34, Japan  
SOURCE: Nippon Noyaku Gakkaishi (1997), 22(4), 277-281  
CODEN: NNGADV; ISSN: 0385-1559  
PUBLISHER: Nippon Noyaku Gakkai  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 53 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1997:747980 CAPLUS  
DOCUMENT NUMBER: 128:101462  
TITLE: Relative bioavailability of the antioxidant flavonoid quercetin from various foods in man  
AUTHOR(S): Hollman, Peter C. H.; van Trijp, John M. P.; Buysman, Michel N. C. P.; v. d. Gaag, Martijn S.; Mengelers, Marcel J. B.; de Vries, Jeanne H. M.; Katan, Martijn B.  
CORPORATE SOURCE: Bornsesteeg 45, DLO-State Institute for Quality

Control of Agricultural Products (RIKILT-DLO), 6708 PD  
Wageningen, Neth.

SOURCE: FEBS Letters (1997), 418(1,2), 152-156  
CODEN: FEBLAL; ISSN: 0014-5793  
PUBLISHER: Elsevier Science B.V.  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 54 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1997:436578 CAPLUS  
DOCUMENT NUMBER: 127:90498  
TITLE: Method and compositions for treating malignant tumors  
and inhibiting growth and metastases of malignant  
tumors  
INVENTOR(S): Rubin, David  
PATENT ASSIGNEE(S): Co Enzyme Technology Ltd., USA  
SOURCE: U.S., 13 pp., Cont.-in-part of U.S. 5,476,842.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 6  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5639737	A	19970617	US 1994-360352	19941221 <--
US 5340803	A	19940823	US 1993-57666	19930505 <--
US 5476842	A	19951219	US 1993-138195	19931020 <--
CA 2208206	A1	19960627	CA 1995-2208206	19951127 <--
WO 9619243	A1	19960627	WO 1995-US15097	19951127 <--
W: AU, CA, MX				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9642407	A	19960710	AU 1996-42407	19951127 <--
AU 692021	B2	19980528		
EP 797453	A1	19971001	EP 1995-940764	19951127 <--
EP 797453	B1	20030326		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
AT 235257	T	20030415	AT 1995-940764	19951127 <--
US 5760008	A	19980602	US 1996-666643	19960618 <--
PRIORITY APPLN. INFO.:			US 1991-787347	B2 19911104
			US 1993-57666	A2 19930505
			US 1993-138195	A2 19931020
			US 1994-360352	A 19941221
			WO 1995-US15097	W 19951127

L2 ANSWER 55 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1997:375443 CAPLUS  
DOCUMENT NUMBER: 127:62243  
TITLE: High affinity binding of the Entamoeba histolytica  
lectin to polyvalent N-acetylgalactosaminides  
AUTHOR(S): Schnaar, Ronald L.; Adler, Pablo; Lee, Yuan C.; Lee,  
Reiko T.; Petri, William A., Jr.  
CORPORATE SOURCE: Johns Hopkins University, Baltimore, MD, USA  
SOURCE: Proceedings of the ERDEC Scientific Conference on  
Chemical and Biological Defense Research, Aberdeen  
Proving Ground, Md., Nov. 15-18, 1994 (1996)  
, Meeting Date 1994, 511-517. Editor(s): Berg,  
Dorothy A. National Technical Information Service:  
Springfield, Va.  
CODEN: 64NAAX  
DOCUMENT TYPE: Conference  
LANGUAGE: English

L2 ANSWER 56 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1997:158561 CAPLUS

TITLE: Metabolism of fonofos in peanuts  
AUTHOR(S): Subba-Rao, R. V.; Onisko, B. C.; Nguyen, E.; Ortiz, D.; Wei, Y.  
CORPORATE SOURCE: Western Research Center, Zeneca Ag Products, Richmond, CA, 94804, USA  
SOURCE: Book of Abstracts, 213th ACS National Meeting, San Francisco, April 13-17 (1997), AGRO-035.  
American Chemical Society: Washington, D. C.  
CODEN: 64AOAA  
DOCUMENT TYPE: Conference; Meeting Abstract  
LANGUAGE: English

L2 ANSWER 57 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1997:144950 CAPLUS  
DOCUMENT NUMBER: 126:326844  
TITLE: Light-dependent enhanced metabolism of chlorotoluron in a substituted urea herbicide-resistant biotype of *Lolium rigidum*  
AUTHOR(S): Preston, Christopher; Powles, Stephen B.  
CORPORATE SOURCE: Cooperative Research Center Weed Management Systems, Univ. Adelaide, Glen Osmond, 5064, Australia  
SOURCE: Planta (1997), 201(2), 202-208  
CODEN: PLANAB; ISSN: 0032-0935  
PUBLISHER: Springer  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 58 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1996:748712 CAPLUS  
DOCUMENT NUMBER: 126:101268  
TITLE: The activation of rigid materials with a surface polymer layer composed of a dextran-polyimine mixture and their application as supports for bioselective adsorption centers  
AUTHOR(S): Dawidowicz, A. L.; Wasilewska, D.; Rogalski, J.  
CORPORATE SOURCE: Dep. Chem. Physics Physicochemical Separation Methods, Maria Curie-Sklodowska Univ., Lublin, 20-031, Pol.  
SOURCE: Adsorption Science & Technology (1996), 14(2), 101-111  
CODEN: ASTEEZ; ISSN: 0263-6174  
PUBLISHER: Multi-Science Publishing  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 59 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1996:637021 CAPLUS  
DOCUMENT NUMBER: 125:268029  
TITLE: Microwave-assisted extraction coupled with liquid chromatography/electrospray ionization mass spectrometry for the simplified determination of imidazolinone herbicides and their metabolites in plant tissue  
AUTHOR(S): Stout, Steven J.; daCunha, Adrian R.; Picard, Gerald L.; Safarpour, Maximilian M.  
CORPORATE SOURCE: Agricultural Products Research Division, American Cyanamid Company, Princeton, NJ, 08543-0400, USA  
SOURCE: Journal of Agricultural and Food Chemistry (1996), 44(11), 3548-3553  
CODEN: JAFCAU; ISSN: 0021-8561  
PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 60 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1996:608448 CAPLUS

DOCUMENT NUMBER: 125:292188  
TITLE: Metabolism of 14C-sulfadimethoxine in swine  
AUTHOR(S): Adams, P. E.; Feil, V. J.; Paulson, G. D.  
CORPORATE SOURCE: Agricultural Research Service, Biosciences Research  
Laboratory, US Department Agriculture, Fargo, ND,  
58105, USA  
SOURCE: Xenobiotica (1996), 26(9), 921-933  
CODEN: XENOBH; ISSN: 0049-8254  
PUBLISHER: Taylor & Francis  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 61 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1996:537814 CAPLUS  
DOCUMENT NUMBER: 125:222349  
TITLE: Method of producing a fluorescence-labeled  
carbohydrate or protein conjugate utilizing a  
bifunctional 2-aminopyridine  
INVENTOR(S): Kusumoto, Shoichi; Fukase, Koichi; Hase, Sumihiro  
PATENT ASSIGNEE(S): Seikagaku Kogyo K. K., Japan  
SOURCE: U.S., 11 pp., Cont.-in-part of U.S. 5, 386, 033.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5548077	A	19960820	US 1994-311733	19940923 <--
JP 05255253	A	19931005	JP 1992-88314	19920313 <--
JP 3122520	B2	20010109		
US 5386033	A	19950131	US 1993-31476	19930315 <--
PRIORITY APPLN. INFO.:			JP 1992-88314	A 19920313
			US 1993-31476	A2 19930315

OTHER SOURCE(S): MARPAT 125:222349

L2 ANSWER 62 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1996:467138 CAPLUS  
DOCUMENT NUMBER: 125:123731  
TITLE: Composition for treatment of malignant tumors and  
their metastases  
INVENTOR(S): Rubin, David  
PATENT ASSIGNEE(S): Co Enzyme Technology Ltd., USA  
SOURCE: PCT Int. Appl., 40 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 6  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9619243	A1	19960627	WO 1995-US15097	19951127 <--
W: AU, CA, MX				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5639737	A	19970617	US 1994-360352	19941221 <--
AU 9642407	A	19960710	AU 1996-42407	19951127 <--
AU 692021	B2	19980528		
EP 797453	A1	19971001	EP 1995-940764	19951127 <--
EP 797453	B1	20030326		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE				
AT 235257	T	20030415	AT 1995-940764	19951127 <--
PRIORITY APPLN. INFO.:			US 1994-360352	A 19941221
			US 1991-787347	B2 19911104

US 1993-57666 A2 19930505  
US 1993-138195 A2 19931020  
WO 1995-US15097 W 19951127

L2 ANSWER 63 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1996:411703 CAPLUS  
TITLE: Metabolism of rimsulfuron herbicide in tomatoes.  
AUTHOR(S): Zhang, M.; Fox, G. C., Jr.; Naidu, M. V.  
CORPORATE SOURCE: DuPont Agricultural Products, E. I. du Pont de Nemours  
and Company, Wilmington, DE, 19880-0402, USA  
SOURCE: Book of Abstracts, 212th ACS National Meeting,  
Orlando, FL, August 25-29 (1996), AGRO-039.  
American Chemical Society: Washington, D. C.  
CODEN: 63BFAF  
DOCUMENT TYPE: Conference; Meeting Abstract  
LANGUAGE: English

L2 ANSWER 64 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1996:411699 CAPLUS  
TITLE: Fate of 14C-diphenylamine in stored apples  
AUTHOR(S): Kim-Kang, Heasook; Robinson, Robert A.; Wu, Jinn  
CORPORATE SOURCE: XenoBiotic Laboratories, Inc., Plainsboro, NJ, 08536,  
USA  
SOURCE: Book of Abstracts, 212th ACS National Meeting,  
Orlando, FL, August 25-29 (1996), AGRO-037.  
American Chemical Society: Washington, D. C.  
CODEN: 63BFAF  
DOCUMENT TYPE: Conference; Meeting Abstract  
LANGUAGE: English

L2 ANSWER 65 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1996:312750 CAPLUS  
DOCUMENT NUMBER: 125:27846  
TITLE: Reductions in steroid hormone  
biotransformation/elimination as a biomarker of  
pentachlorophenol chronic toxicity  
AUTHOR(S): Parks, Louise G.; LeBlanc, Gerald A.  
CORPORATE SOURCE: Department of Toxicology, North Carolina State  
University, Box 7633, Raleigh, NC, 27695-7633, USA  
SOURCE: Aquatic Toxicology (1996), 34(4), 291-303  
CODEN: AQTOGD; ISSN: 0166-445X  
PUBLISHER: Elsevier  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 66 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1996:312603 CAPLUS  
DOCUMENT NUMBER: 125:5203  
TITLE: Initial oxidative and subsequent conjugative  
metabolites produced during the metabolism of  
phenanthrene by fungi  
AUTHOR(S): Casillas, R. P.; Crow, S. A., Jr.; Heinze, T. M.;  
Deck, J.; Cerniglia, C. E.  
CORPORATE SOURCE: Dep. Biol., Georgia State Univ., Atlanta, GA, 30303,  
USA  
SOURCE: Journal of Industrial Microbiology (1996),  
16(4), 205-215  
CODEN: JIMIE7; ISSN: 0169-4146  
PUBLISHER: Stockton  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 67 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1996:228515 CAPLUS  
DOCUMENT NUMBER: 124:279154

TITLE: Synthetic glycoamines that promote or inhibit cell adhesion for suppression of cancer metastasis  
 INVENTOR(S): Glinskii, Guennadi V.  
 PATENT ASSIGNEE(S): Metastat, Inc., USA  
 SOURCE: PCT Int. Appl., 25 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 3  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9601639	A1	19960125	WO 1995-US7530	19950612 <--
W: AU, CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5629412	A	19970513	US 1994-273506	19940711 <--
CA 2179899	A1	19960125	CA 1995-2179899	19950612 <--
CA 2179899	C	20000523		
AU 9528275	A	19960209	AU 1995-28275	19950612 <--
AU 706414	B2	19990617		
EP 731704	A1	19960918	EP 1995-923854	19950612 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, SE				
PRIORITY APPLN. INFO.:			US 1994-273506	A 19940711
			WO 1995-US7530	W 19950612

L2 ANSWER 68 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1996:219085 CAPLUS  
 TITLE: Immunoaffinity sample cleanup and capillary electrophoresis (CE) determinative analysis of residues of imazamox herbicide and its two polar metabolites in soybean seed.  
 AUTHOR(S): Safarpour, H.; Picard, G.; Cavalier, T.; Corbett, M.; Wong, R.  
 CORPORATE SOURCE: Agricultural Products Research Division, American Cyanamid Company, Princeton, NJ, 08543-0400, USA  
 SOURCE: Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March 24-28 (1996), ENVR-009.  
 American Chemical Society: Washington, D. C.  
 CODEN: 62PIAJ  
 DOCUMENT TYPE: Conference; Meeting Abstract  
 LANGUAGE: English

L2 ANSWER 69 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1996:216894 CAPLUS  
 TITLE: Application of Capillary electrophoresis (CE) for the determination of pesticides in agricultural commodities.  
 AUTHOR(S): Safarpour, Maximilian M.; Picard, Gerald L.  
 CORPORATE SOURCE: American Cyanamid Company, USA  
 SOURCE: Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March 24-28 (1996), AGRO-131.  
 American Chemical Society: Washington, D. C.  
 CODEN: 62PIAJ  
 DOCUMENT TYPE: Conference; Meeting Abstract  
 LANGUAGE: English

L2 ANSWER 70 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1996:216888 CAPLUS  
 TITLE: Immunoaffinity sample cleanup and capillary electrophoresis (CE) determinative analysis of residues of imazamox herbicide and its two polar metabolites in soybean seed.  
 AUTHOR(S): Safarpour, Hudan; Picard, Gerald; Cavalier, Tom; Corbett, Marty; Wong, Rosie

CORPORATE SOURCE: Agricultural Products Research Division, American Cyanamid Company, Princeton, NJ, 08543-0400, USA

SOURCE: Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March 24-28 (1996), AGRO-125.  
American Chemical Society: Washington, D. C.  
CODEN: 62PIAJ

DOCUMENT TYPE: Conference; Meeting Abstract

LANGUAGE: English

L2 ANSWER 71 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:216794 CAPLUS

TITLE: Metabolism of 14C-labeled chlorsulfuron in wheat.

AUTHOR(S): Swanson, M. B.; Cristy, T. A.; Denison, J. E.; Monson, K. D.; White, J. S.; Priester, T. M.

CORPORATE SOURCE: Battelle, Columbus, OH, 43201, USA

SOURCE: Book of Abstracts, 211th ACS National Meeting, New Orleans, LA, March 24-28 (1996), AGRO-032.  
American Chemical Society: Washington, D. C.  
CODEN: 62PIAJ

DOCUMENT TYPE: Conference; Meeting Abstract

LANGUAGE: English

L2 ANSWER 72 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:172190 CAPLUS

DOCUMENT NUMBER: 124:336671

TITLE: Water-soluble, stabilized protein conjugates consisting of proteins linked through saccharide groups to acrylic polymers

INVENTOR(S): Callstrom, Matthew R.; Bednarski, Mark D.; Gruber, Patrick R.

PATENT ASSIGNEE(S): Cargill, Inc., USA

SOURCE: U.S., 41 pp. Cont.-in-part of U.S. Ser. No. 613,224, abandoned.  
CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5492821	A	19960220	US 1991-791915	19911113 <--
CA 2073511	A1	19920515	CA 1991-2073511	19911113 <--
US 5639633	A	19970617	US 1995-466403	19950606 <--
US 5691154	A	19971125	US 1995-469662	19950606 <--
US 5736625	A	19980407	US 1995-468970	19950606 <--
PRIORITY APPLN. INFO.:			US 1990-613224	B2 19901114
			US 1991-791915	A3 19911113

L2 ANSWER 73 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:117355 CAPLUS

DOCUMENT NUMBER: 124:171168

TITLE: Stimulation of Ca2+-dependent membrane currents in Xenopus oocytes by microinjection of pyrimidine nucleotide-glucose conjugates

AUTHOR(S): Kim, Hak Yong; Thomas, David; Hanley, Michael R.

CORPORATE SOURCE: Dep. Biol. Chem. Sch. Med., Univ. California, Davis, CA, 95616-8635, USA

SOURCE: Molecular Pharmacology (1996), 49(2), 360-4  
CODEN: MOPMA3; ISSN: 0026-895X

PUBLISHER: Williams & Wilkins

DOCUMENT TYPE: Journal

LANGUAGE: English

L2 ANSWER 74 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1996:71450 CAPLUS  
 DOCUMENT NUMBER: 124:165235  
 TITLE: Method and compositions for treating tumors having high tyrosinase activity  
 INVENTOR(S): Rubin, David  
 PATENT ASSIGNEE(S): Co Enzyme Technology Ltd., USA  
 SOURCE: U.S., 10 pp. Cont.-in-part of U.S. Ser. No. 787,347, abandoned.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 6  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5476842	A	19951219	US 1993-138195	19931020 <--
US 5340803	A	19940823	US 1993-57666	19930505 <--
US 5639737	A	19970617	US 1994-360352	19941221 <--
US 5760008	A	19980602	US 1996-666643	19960618 <--
PRIORITY APPLN. INFO.:			US 1991-787347	B2 19911104
			US 1993-57666	A2 19930505
			US 1993-138195	A2 19931020
			US 1994-360352	A2 19941221

L2 ANSWER 75 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1996:28173 CAPLUS  
 DOCUMENT NUMBER: 124:56745  
 TITLE: Preparation of protein-xyloglucan conjugate as functional protein  
 INVENTOR(S): Kato, Akio  
 PATENT ASSIGNEE(S): Dainippon Pharmaceutical Co, Japan  
 SOURCE: Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07258292	A	19951009	JP 1994-79382	19940325 <--
PRIORITY APPLN. INFO.:			JP 1994-79382	19940325

L2 ANSWER 76 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1995:977629 CAPLUS  
 DOCUMENT NUMBER: 124:23859  
 TITLE: Absorption, translocation, and metabolism of imazethapyr in common ragweed (Ambrosia artemisiifolia) and giant ragweed (Ambrosia trifida)  
 AUTHOR(S): Ballard, Thomas O.; Foley, Michael E.; Bauman, Thomas T.  
 CORPORATE SOURCE: Dep. Bot. Plant Pathol., Purdue Univ., West Lafayette, IN, 47907, USA  
 SOURCE: Weed Science (1995), 43(4), 572-7  
 CODEN: WEESA6; ISSN: 0043-1745  
 PUBLISHER: Weed Science Society of America  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 77 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1995:976197 CAPLUS  
 DOCUMENT NUMBER: 124:79781  
 TITLE:  $\beta$ -Glucosylarginine: a new glucose-protein bond in a self-glucosylating protein from sweet corn



AUTHOR(S): Singh, David G.; Lomako, Joseph; Lomako, Wieslawa M.;  
Whelan, William J.; Meyer, Helmut E.; Serwe, Maria;  
Metzger, Joerg W.  
CORPORATE SOURCE: Department of Biochemistry and Molecular Biology,  
University of Miami School of Medicine, (M823), PO Box  
016129, Miami, FL, 33101, USA  
SOURCE: FEBS Letters (1995), 376(1,2), 61-4  
CODEN: FEBLAL; ISSN: 0014-5793  
PUBLISHER: Elsevier  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 78 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1995:974445 CAPLUS  
DOCUMENT NUMBER: 124:28071  
TITLE: Enantioselective synthesis of several  
1-O- $\beta$ -D-glucoconjugates using almond  
 $\beta$ -glucosidase (E.C. 3.2.1.21)

AUTHOR(S): Fischer, L.; Bromann, R.; Wagner, F.  
CORPORATE SOURCE: Inst. Biochem. Biotechnol., TU BS, Braunschweig,  
D-38106, Germany  
SOURCE: Biotechnology Letters (1995), 17(11),  
1169-74  
CODEN: BILED3; ISSN: 0141-5492  
PUBLISHER: Science and Technology Letters  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 124:28071

L2 ANSWER 79 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1995:674451 CAPLUS  
DOCUMENT NUMBER: 123:79208  
TITLE: Metabolism of the Fusarium mycotoxins zearalenone and  
deoxynivalenol by yeast strains of technological  
relevance  
AUTHOR(S): Boeswald, Christoph; Engelhardt, Gabriele; Vogel,  
Herbert; Wallnoefer, Peter R.  
CORPORATE SOURCE: Abteilung Ernaehrung, Bayerische Landesanstalt  
Ernaehrung, Munich, 80638, Germany  
SOURCE: Natural Toxins (1995), 3(3), 138-44  
CODEN: NATOEE; ISSN: 1056-9014  
PUBLISHER: Wiley-Liss  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 80 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1995:585306 CAPLUS  
DOCUMENT NUMBER: 123:1308  
TITLE: Physiological and biochemical perturbations in Daphnia  
magna following exposure to the model environmental  
estrogen diethylstilbestrol  
AUTHOR(S): Baldwin, William S.; Milam, David L.; LeBlanc, Gerald  
A.  
CORPORATE SOURCE: Dep. Toxicology, North Carolina State Univ., Raleigh,  
NC, 27695, USA  
SOURCE: Environmental Toxicology and Chemistry (1995  
) , 14(6), 945-52  
CODEN: ETOCDK; ISSN: 0730-7268  
PUBLISHER: SETAC Press  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 81 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1995:264377 CAPLUS  
DOCUMENT NUMBER: 122:51282

TITLE: Gibberellin conjugates: an overview  
AUTHOR(S): Schneider, G.; Schliemann, W.  
CORPORATE SOURCE: Inst. Plant Biochem., Halle/Saale, D-06018, Germany  
SOURCE: Plant Growth Regulation (1994), 15(3),  
247-60  
CODEN: PGRED3; ISSN: 0167-6903  
PUBLISHER: Kluwer  
DOCUMENT TYPE: Journal; General Review  
LANGUAGE: English

L2 ANSWER 82 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1995:251551 CAPLUS  
DOCUMENT NUMBER: 122:30021  
TITLE: Determination of metsulfuron methyl and its two  
metabolites in crops by liquid chromatography with  
ultraviolet detection  
AUTHOR(S): Zhou, Min; Li, Gui-Yun; Whalen, Stephanie A.  
CORPORATE SOURCE: Agric. Prod. Exptl. Stn., E.I. du Pont de Nemours Co.,  
Wilmington, DE, 19880-0402, USA  
SOURCE: Journal of AOAC International (1994), 77(6),  
1654-9  
CODEN: JAINEE; ISSN: 1060-3271  
PUBLISHER: AOAC International  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 83 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1995:199427 CAPLUS  
DOCUMENT NUMBER: 122:128261  
TITLE: Microbial transformation of immunosuppressive  
compounds III. Glucosylation of immunomycin (FR  
900520) and FK 506 by Bacillus subtilis ATCC 55060  
AUTHOR(S): Petuch, Brian R.; Arison, Byron; Hsu, Annjia;  
Monaghan, Richard; Dumont, Francis J.; Chen, Tom S.  
CORPORATE SOURCE: Merck Res. Lab., Rahway, NJ, 07065, USA  
SOURCE: Journal of Industrial Microbiology (1994),  
13(2), 131-5  
CODEN: JIMIE7; ISSN: 0169-4146  
PUBLISHER: Stockton  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 122:128261

L2 ANSWER 84 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1994:674410 CAPLUS  
DOCUMENT NUMBER: 121:274410  
TITLE: Characterization of [14C]terminal residues in rice  
plants treated with [14C ring]benthiocarb.  
AUTHOR(S): Cheng, Hong-Ming; Hwang, Deng-Fwu  
CORPORATE SOURCE: Department Marine Food Science, National Taiwan Ocean  
University, Chi-lung, Taiwan  
SOURCE: Yaowu Shipin Fenxi (1994), 2(2), 103-112  
CODEN: YSFEEP; ISSN: 1021-9498  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 85 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1994:530748 CAPLUS  
DOCUMENT NUMBER: 121:130748  
TITLE: The  $\beta$ -anomeric and glucose preferences of glucose  
transport carrier for intestinal active absorption of  
monosaccharide conjugates  
AUTHOR(S): Mizuma, Takashi; Ohta, Kunihiro; Awazu, Shoji  
CORPORATE SOURCE: Department of Biopharmaceutics, Tokyo College of  
Pharmacy, 1432-1 Horinouchi, Hachioji, Tokyo, 192-03,

SOURCE: Japan  
 Biochimica et Biophysica Acta, General Subjects (1994), 1200(2), 117-22  
 CODEN: BBGSB3; ISSN: 0304-4165  
 PUBLISHER: Elsevier B.V.  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 86 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1994:530328 CAPLUS  
 DOCUMENT NUMBER: 121:130328  
 TITLE: In vivo biotransformation of testosterone by phase I and II detoxication enzymes and their modulation by 20-hydroxyecdysone in Daphnia magna  
 AUTHOR(S): Baldwin, William S.; LeBlanc, Gerald A.  
 CORPORATE SOURCE: North Carolina State University Department of Toxicology, Box 7633, Raleigh, NC, 27695, USA  
 SOURCE: Aquatic Toxicology (1994), 29(1-2), 103-17  
 CODEN: AQTOGD; ISSN: 0166-445X  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 87 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1994:436088 CAPLUS  
 DOCUMENT NUMBER: 121:36088  
 TITLE: Novel carbohydrate conjugates as potential prodrugs of acyclovir  
 AUTHOR(S): Chamberlain, S. D.; Moorman, A. R.; Burnette, T. C.; de Miranda, P.; Krenitsky, T. A.  
 CORPORATE SOURCE: Wellcome Res. Lab., Research Triangle Park, NC, 27709, USA  
 SOURCE: Antiviral Chemistry & Chemotherapy (1994), 5(2), 64-73  
 CODEN: ACCHEH; ISSN: 0956-3202  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 88 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1994:318492 CAPLUS  
 DOCUMENT NUMBER: 120:318492  
 TITLE: Glucose-silicas for high-performance gel-filtration and ion-exchange chromatography  
 AUTHOR(S): Lee, Huey Guang  
 CORPORATE SOURCE: Cent. Health Sci., Univ. Tennessee, Memphis, TN, USA  
 SOURCE: (1992) 169 pp. Avail.: Univ. Microfilms Int., Order No. DA9308520  
 From: Diss. Abstr. Int. B 1993, 53(11), 5696-7  
 DOCUMENT TYPE: Dissertation  
 LANGUAGE: English

L2 ANSWER 89 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1994:211644 CAPLUS  
 DOCUMENT NUMBER: 120:211644  
 TITLE: System for delivery of diagnostic or therapeutic agents to the lymphatic tissues  
 INVENTOR(S): Papisov, Mikhail I.; Brady, Thomas J.  
 PATENT ASSIGNEE(S): General Hospital Corp., USA  
 SOURCE: PCT Int. Appl., 80 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

-----

WO 9402068	A1	19940203	WO 1993-US6848	19930721 <--
W: AT, AU, BB, BG, BR, BY, CA, CH, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9347788	A	19940214	AU 1993-47788	19930721 <--
JP 07509467	T	19951019	JP 1994-504662	19930721 <--
PRIORITY APPLN. INFO.:			US 1992-917707	A 19920721
			WO 1993-US6848	W 19930721

L2 ANSWER 90 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1994:158160 CAPLUS  
 DOCUMENT NUMBER: 120:158160  
 TITLE: Method and device for detecting and quantifying substances in body fluids  
 INVENTOR(S): Chick, William L.; Wolf, David E.; Cardullo, Richard A.  
 PATENT ASSIGNEE(S): Sensor Technologies, Inc., USA  
 SOURCE: PCT Int. Appl., 61 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 2  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	---	-----	-----	-----
WO 9400602	A1	19940106	WO 1993-US6131	19930628 <--
W: JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 649476	A1	19950426	EP 1993-916805	19930628 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, NL, SE				
US 6040194	A	20000321	US 1995-467915	19950606 <--
PRIORITY APPLN. INFO.:			US 1992-905729	A 19920629
			US 1989-452122	A2 19891214
			WO 1993-US6131	W 19930628
			US 1993-160444	B1 19931201
			US 1994-302396	B1 19940908

L2 ANSWER 91 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1994:99262 CAPLUS  
 DOCUMENT NUMBER: 120:99262  
 TITLE: Glutathione conjugation: a detoxification pathway for fenoxaprop-ethyl in barley, crabgrass, oat, and wheat  
 AUTHOR(S): Tal, Abraham; Romano, M. Luisa; Stephenson, Gerald R.; Schwan, Adrian L.; Hall, J. Christopher  
 CORPORATE SOURCE: Dep. Environ. Biol., Univ. Guelph, Guelph, ON, N1G 2W1, Can.  
 SOURCE: Pesticide Biochemistry and Physiology (1993), 46(3), 190-9  
 CODEN: PCBPBS; ISSN: 0048-3575  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 92 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1994:94643 CAPLUS  
 DOCUMENT NUMBER: 120:94643  
 TITLE: Absorption of N4-D-glucopyranosylsulfamethazine by rat everted intestinal sacs  
 AUTHOR(S): Wang, Yi; Grigg, Ronald; McCormack, Ann; Symonds, Herbert; Bowmer, Christopher  
 CORPORATE SOURCE: Dep. Pharmacol. Org. Chem. Anim. Physiol., Univ. Leeds, Leeds, LS2 9JT, UK

SOURCE: Biochemical Pharmacology (1993), 46(10),  
1864-6  
CODEN: BCPCA6; ISSN: 0006-2952

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 93 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1993:666577 CAPLUS  
DOCUMENT NUMBER: 119:266577  
TITLE: Enzymic hydrolysis of 4-O and 6-O-indol-3-ylacetyl-  
β-D-glucose in plant tissues  
AUTHOR(S): Jakubowska, Anna; Kowalczyk, Stanislaw; Leznicki,  
Antoni J.  
CORPORATE SOURCE: Inst. Biol., Copernicus Univ., Torun, 87-100, Pol.  
SOURCE: Journal of Plant Physiology (1993), 142(1),  
61-6  
CODEN: JPPHEY; ISSN: 0176-1617  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 94 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1993:229188 CAPLUS  
DOCUMENT NUMBER: 118:229188  
TITLE: Long wavelength lipophilic fluorogenic glycosidase  
substrates  
INVENTOR(S): Haugland, Richard P.  
PATENT ASSIGNEE(S): Molecular Probes, Inc., USA  
SOURCE: PCT Int. Appl., 28 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9304074	A1	19930304	WO 1992-US7069	19920821 <--
W: CA, JP				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
US 5242805	A	19930907	US 1991-749255	19910823 <--
PRIORITY APPLN. INFO.:			US 1991-749255	A 19910823
OTHER SOURCE(S):		MARPAT 118:229188		

L2 ANSWER 95 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1993:213445 CAPLUS  
DOCUMENT NUMBER: 118:213445  
TITLE: Method for labelling sugars  
INVENTOR(S): Lee, Yuan Chuan; Honda, Susumu; Kakehi, Kazuaki  
PATENT ASSIGNEE(S): Takara Shuzo Co., Ltd., Japan  
SOURCE: Eur. Pat. Appl., 11 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 480751	A1	19920415	EP 1991-309383	19911011 <--
EP 480751	B1	19950802		
R: DE, FR, GB, SE				
JP 04148865	A	19920521	JP 1990-272313	19901012 <--
JP 07037990	B	19950426		
US 5142031	A	19920825	US 1991-773325	19911011 <--
PRIORITY APPLN. INFO.:			JP 1990-272313	A 19901012

L2 ANSWER 96 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1993:147972 CAPLUS  
 DOCUMENT NUMBER: 118:147972  
 TITLE: Preparation of glucopyranose derivatives for immunochemical determination of glucosinolates in Cruciferae, particularly colza.  
 INVENTOR(S): Bromet, Norbert; Freche, Jean Paul; Rollin, Patrick; Viaud, Marie Claude  
 PATENT ASSIGNEE(S): Centre Technique Interprofessionnel Des Oleagineux Metropolitains (C.E.T.I.O.M.), Fr..  
 SOURCE: Fr. Demande, 24 pp.  
 CODEN: FRXXBL  
 DOCUMENT TYPE: Patent  
 LANGUAGE: French  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2673630	A1	19920911	FR 1991-2828	19910308 <--
FR 2673630	B1	19930625		
PRIORITY APPLN. INFO.:			FR 1991-2828	19910308
OTHER SOURCE(S):	MARPAT 118:147972			

L2 ANSWER 97 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1993:20901 CAPLUS  
 DOCUMENT NUMBER: 118:20901  
 TITLE: Cholesteryl hemisuccinate's inductive effect on membrane rigidization regarding both, its remodelling of the cells' surface receptor pattern and its decreasing the natural killer susceptibility of K-562 cells  
 AUTHOR(S): Pajor, L.; Kalman, E.; Koszegi, T.  
 CORPORATE SOURCE: Dep. Pathol., Univ. Med. Sch., Pecs, Hung.  
 SOURCE: Acta Biologica Hungarica (1991), 42(4), 371-83  
 CODEN: ABHUE6; ISSN: 0236-5383  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 98 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1992:565862 CAPLUS  
 DOCUMENT NUMBER: 117:165862  
 TITLE: Rapid metabolic inactivation is the basis for cross-resistance to chlorsulfuron in diclofop-methyl-resistant rigid ryegrass (Lolium rigidum) biotype SR4/84  
 AUTHOR(S): Cotterman, J. C.; Saari, L. L.  
 CORPORATE SOURCE: E. I. Du Pont de Nemours and Co., Newark, DE, 19714, USA  
 SOURCE: Pesticide Biochemistry and Physiology (1992), 43(3), 182-92  
 CODEN: PCBPBS; ISSN: 0048-3575  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 99 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1992:169295 CAPLUS  
 DOCUMENT NUMBER: 116:169295  
 TITLE: Separation of functionalized dextrans by reversed-phase high-performance liquid chromatography  
 AUTHOR(S): Andriamboavonjy, E.; Flaschel, E.; Renken, A.  
 CORPORATE SOURCE: Inst. Chem. Eng., Swiss Fed. Inst. Technol., Lausanne, CH-1015, Switz.

SOURCE: Journal of Chromatography (1991), 587(2),  
288-91  
CODEN: JOCRAM; ISSN: 0021-9673

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 100 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1991:400778 CAPLUS  
DOCUMENT NUMBER: 115:778  
TITLE: Covalently-linked complexes and methods for enhanced  
cytotoxicity and imaging  
INVENTOR(S): Anderson, David C.; Morgan, A. Charles; Abrams, Paul  
G.; Nichols, Everett J.; Fritzberg, Alan R.  
PATENT ASSIGNEE(S): NeoRx Corp., USA  
SOURCE: Eur. Pat. Appl., 23 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 359347	A2	19900321	EP 1989-250014	19890814 <--
EP 359347	A3	19900418		
EP 359347	B1	19921223		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 5135736	A	19920804	US 1988-232337	19880815 <--
US 5169933	A	19921208	US 1989-390241	19890807 <--
CA 1334513	C	19950221	CA 1989-608198	19890811 <--
JP 02124833	A	19900514	JP 1989-209992	19890814 <--
AT 83669	T	19930115	AT 1989-250014	19890814 <--
PRIORITY APPLN. INFO.:			US 1988-232337	A 19880815
			EP 1989-250014	A 19890814

L2 ANSWER 101 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1991:242753 CAPLUS  
DOCUMENT NUMBER: 114:242753  
TITLE: Metabolism of 2,4-dichlorophenoxyacetic acid in grape  
suspension culture  
AUTHOR(S): Pantskhava, N. I.; Mitaishvili, T. I.; Ugrekhelidze,  
D. Sh.  
CORPORATE SOURCE: Georg. Agric. Inst., Tbilisi, USSR  
SOURCE: Fiziologiya Rastenii (Moscow) (1991), 38(2),  
386-91  
CODEN: FZRSBV; ISSN: 0015-3303  
DOCUMENT TYPE: Journal  
LANGUAGE: Russian

L2 ANSWER 102 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1991:223469 CAPLUS  
DOCUMENT NUMBER: 114:223469  
TITLE: Metabolism of the herbicide metribuzin by an  
N-glucosyltransferase from tomato cell cultures  
AUTHOR(S): Davis, D. G.; Olson, P. A.; Swanson, H. R.; Frear, D.  
S.  
CORPORATE SOURCE: Biosci. Res. Lab., Agric. Res. Serv., Fargo, ND,  
58105, USA  
SOURCE: Plant Science (Shannon, Ireland) (1991),  
74(1), 73-80  
CODEN: PLSCE4; ISSN: 0168-9452  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 103 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1991:102583 CAPLUS  
DOCUMENT NUMBER: 114:102583  
TITLE: Chemically and biologically synthesized  
zearalenone-4- $\beta$ -D-glucopyranoside: comparison  
and convenient determination by gradient HPLC  
AUTHOR(S): Zill, G.; Ziegler, W.; Engelhardt, G.; Wallnoefer, P.  
R.  
CORPORATE SOURCE: Bayer. Landesanst. Ernaehrung, Munich, 8000/19,  
Germany  
SOURCE: Chemosphere (1990), 21(4-5), 435-42  
CODEN: CSMHAF; ISSN: 0045-6535  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 104 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1991:74663 CAPLUS  
DOCUMENT NUMBER: 114:74663  
TITLE: The metabolism and excretion of carbovir, a  
carbocyclic nucleoside, in the rat  
AUTHOR(S): Walsh, John S.; Patanella, James E.; Unger, Steve E.;  
Brouwer, Kenneth R.; Miwa, Gerald T.  
CORPORATE SOURCE: Dep. Drug Metab., Glaxo Inc., Research Triangle Park,  
NC, 27709, USA  
SOURCE: Drug Metabolism and Disposition (1990),  
18(6), 1084-91  
CODEN: DMDSAI; ISSN: 0090-9556  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 105 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1991:58964 CAPLUS  
DOCUMENT NUMBER: 114:58964  
TITLE: Effects of red and blue light on absorption and  
esterification of [1-14C]indoleacetic acid by potato  
plants in cultured in vitro  
AUTHOR(S): Aksenova, N. P.; Golyanovskaya, S. A.; Konstantinova,  
T. N.; Sergeeva, L. I.; Khein, Kh. Ya.; Chailakhyan,  
M. Kh.  
CORPORATE SOURCE: K. A. Timiryazev Inst. Plant Physiol., Moscow, USSR  
SOURCE: Fiziologiya Rastenii (Moscow) (1990), 37(5),  
981-6  
CODEN: FZRSBV; ISSN: 0015-3303  
DOCUMENT TYPE: Journal  
LANGUAGE: Russian

L2 ANSWER 106 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1991:55236 CAPLUS  
DOCUMENT NUMBER: 114:55236  
TITLE: Identification of urinary metabolites of cannabidiol  
in the dog  
AUTHOR(S): Samara, E.; Bialer, M.; Harvey, D. J.  
CORPORATE SOURCE: Dep. Pharmacol., Oxford Univ., Oxford, OX1 3QT, UK  
SOURCE: Drug Metabolism and Disposition (1990),  
18(5), 571-9  
CODEN: DMDSAI; ISSN: 0090-9556  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 107 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1991:39741 CAPLUS  
DOCUMENT NUMBER: 114:39741  
TITLE: Study of the cell surface receptor for the Ulex  
europaeus L. lectin  
AUTHOR(S): Zeng, Zhongkui; Wu, Qiaqing; Zeng, Guangyao  
CORPORATE SOURCE: Dep. Biol., Sichuan Univ., Chengdu, Peop. Rep. China



SOURCE: Sichuan Daxue Xuebao, Ziran Kexueban (1990),  
27(3), 336-42  
CODEN: SCTHAO; ISSN: 0490-6756  
DOCUMENT TYPE: Journal  
LANGUAGE: Chinese

L2 ANSWER 108 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1991:20170 CAPLUS  
DOCUMENT NUMBER: 114:20170  
TITLE: Enzyme immobilization on insoluble protein carrier  
INVENTOR(S): Yamauchi, Fumio; Kamata, Yoshiaki  
PATENT ASSIGNEE(S): Food Techno Miyagi Kyodo Kumiai, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02200182	A	19900808	JP 1988-226879	19880910 <--
PRIORITY APPLN. INFO.:			JP 1988-226879	19880910

L2 ANSWER 109 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1990:628278 CAPLUS  
DOCUMENT NUMBER: 113:228278  
TITLE: The cell surface of isolated cardiac myocytes - a  
light microscope study with use of  
fluorochrome-coupled lectins  
AUTHOR(S): Stegemann, M.; Meyer, R.; Haas, H. G.; Robert-Nicoud,  
M.  
CORPORATE SOURCE: Physiol. Inst. II, Univ. Bonn, Bonn, D 5300, Germany  
SOURCE: Journal of Molecular and Cellular Cardiology (  
1990), 22(7), 787-803  
CODEN: JMCDAJ; ISSN: 0022-2828  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 110 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1990:606233 CAPLUS  
DOCUMENT NUMBER: 113:206233  
TITLE: Cloning and expression of cDNA for human  
membrane-bound  $\beta$ -1,4-galactosyltransferase  
INVENTOR(S): Fukuda, Michiko N.; Appert, Hubert A.  
PATENT ASSIGNEE(S): La Jolla Cancer Research Foundation, USA  
SOURCE: PCT Int. Appl., 30 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9007000	A2	19900628	WO 1989-US5128	19891116 <--
WO 9007000	A3	19900809		
W: AU, JP				
RW: AT, BE, CH, DE, ES, FR, GB, IT, LU, NL, SE				
AU 9047519	A	19900710	AU 1990-47519	19891116 <--
CA 2003797	A1	19900613	CA 1989-2003797	19891124 <--
PRIORITY APPLN. INFO.:			US 1988-283732	A. 19881213
			WO 1989-US5128	A 19891116

L2 ANSWER 111 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1990:441212 CAPLUS  
 DOCUMENT NUMBER: 113:41212  
 TITLE: Fluorocarbon chain-containing antigenic conjugates  
 INVENTOR(S): Koganty, Rao R.  
 PATENT ASSIGNEE(S): Biomira Inc., Can.  
 SOURCE: Eur. Pat. Appl., 8 pp.  
 CODEN: EPXXDW  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 327070	A1	19890809	EP 1989-101745	19890201 <--
EP 327070	B1	19930505		
R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 5055562	A	19911008	US 1988-151145	19880201 <--
JP 01294698	A	19891128	JP 1989-23645	19890201 <--
AT 88901	T	19930515	AT 1989-101745	19890201 <--
PRIORITY APPLN. INFO.:			US 1988-151145	A 19880201
			EP 1989-101745	A 19890201

OTHER SOURCE(S): MARPAT 113:41212

L2 ANSWER 112 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1990:434326 CAPLUS  
 DOCUMENT NUMBER: 113:34326  
 TITLE: Stereochemical characterization of the diastereomers of the phenobarbital N- $\beta$ -D- glucose conjugate excreted in human urine  
 AUTHOR(S): Soine, William H.; Soine, Phyllis J.; Mongrain, Suzanne E.; England, Terry M.  
 CORPORATE SOURCE: Sch. Pharm., Virginia Commonw. Univ., Richmond, VA, 23298-0581, USA  
 SOURCE: Pharmaceutical Research (1990), 7(4), 402-6  
 CODEN: PHREEB; ISSN: 0724-8741  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 113 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1990:403125 CAPLUS  
 DOCUMENT NUMBER: 113:3125  
 TITLE: Conjugation of benzo[a]pyrene metabolites by freshwater green alga Selenastrum capricornutum  
 AUTHOR(S): Warshawsky, David; Keenan, Tom H.; Reilman, Raymond; Cody, Terence E.; Radike, Martha J.  
 CORPORATE SOURCE: Med. Cent., Univ. Cincinnati, Cincinnati, OH, 45267-0056, USA  
 SOURCE: Chemico-Biological Interactions (1990), 74(1-2), 93-105  
 CODEN: CBINA8; ISSN: 0009-2797  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 114 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1990:173965 CAPLUS  
 DOCUMENT NUMBER: 112:173965  
 TITLE: Metabolism of [14C]quizalofop-ethyl in soybean and cotton plants  
 AUTHOR(S): Koeppe, Mary K.; Anderson, Jeffrey J.; Shalaby, Lamaat M.  
 CORPORATE SOURCE: Agric. Prod. Dep., E. I. du Pont de Nemours and Co., Inc., Wilmington, DE, 19880-0402, USA  
 SOURCE: Journal of Agricultural and Food Chemistry (1990), 38(4), 1085-91

CODEN: JAFCAU; ISSN: 0021-8561

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 115 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1990:173693 CAPLUS  
DOCUMENT NUMBER: 112:173693  
TITLE: Identification of glucose conjugates  
as major urinary metabolites of cannabidiol in the dog  
AUTHOR(S): Samara, E.; Bialer, M.; Harvey, D. J.  
CORPORATE SOURCE: Dep. Pharm., Hebrew Univ., Jerusalem, 91120, Israel  
SOURCE: Xenobiotica (1990), 20(2), 177-83  
CODEN: XENOBH; ISSN: 0049-8254

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 116 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1990:154753 CAPLUS  
DOCUMENT NUMBER: 112:154753  
TITLE: Functional protein-polysaccharide conjugate prepared  
by controlled dry-heating of ovalbumin-dextran  
mixtures  
AUTHOR(S): Kato, Akio; Sasaki, Youko; Furuta, Ritsuko; Kobayashi,  
Kunihiko  
CORPORATE SOURCE: Fac. Agric., Yamaguchi Univ., Yamaguchi, 753, Japan  
SOURCE: Agricultural and Biological Chemistry (1990  
), 54(1), 107-12  
CODEN: ABCHA6; ISSN: 0002-1369

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 117 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1990:93796 CAPLUS  
DOCUMENT NUMBER: 112:93796  
TITLE: Metribuzin metabolism by tomato cultivars with low,  
medium, and high levels of tolerance to metribuzin  
AUTHOR(S): Smith, A. E.; Phatak, S. C.; Emmatty, D. A.  
CORPORATE SOURCE: Agron. Dep., Univ. Georgia, Griffin, GA, 30223, USA  
SOURCE: Pesticide Biochemistry and Physiology (1989  
), 35(3), 284-90  
CODEN: PCBPBS; ISSN: 0048-3575

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 118 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1990:52451 CAPLUS  
DOCUMENT NUMBER: 112:52451  
TITLE: Formation of determinant complexes between cotton  
lectin and components of the elicitor of the  
Verticillium wilt pathogen  
AUTHOR(S): Avazkhodzhaev, M. Kh.; Nuritdinova, Kh. V.; Zel'tser,  
S. Sh.; Madaminova, L. M.  
CORPORATE SOURCE: Inst. Eksp. Biol. Rast., USSR  
SOURCE: Uzbekskii Biologicheskii Zhurnal (1958-199?) (  
1989), (3), 6-8  
CODEN: UZBZAZ; ISSN: 0042-1685

DOCUMENT TYPE: Journal  
LANGUAGE: Russian

L2 ANSWER 119 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1989:628910 CAPLUS  
DOCUMENT NUMBER: 111:228910  
TITLE: Enzymic hydrolysis of gibberellin conjugates  
AUTHOR(S): Schliemann, W.  
CORPORATE SOURCE: Inst. Plant Biochem., Acad. Sci. GDR, Halle/Saale,

SOURCE: Ger. Dem. Rep.  
Conjugated Plant Horm., Proc. Int. Symp. (1987  
) , Meeting Date 1986, 191-8. Editor(s): Schreiber, K.; Schuette, H. R.;  
Sembdner, G. Dtsch. Verlag Wiss.: Berlin, Ger. Dem.  
Rep.  
CODEN: 56PYAG  
DOCUMENT TYPE: Conference; General Review  
LANGUAGE: English

L2 ANSWER 120 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1989:628130 CAPLUS  
DOCUMENT NUMBER: 111:228130  
TITLE: Contrast enhancing agents for magnetic resonance  
images  
INVENTOR(S): Gibby, Wendell A.  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S., 5 pp.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4822594	A	19890418	US 1987-7289	19870127 <--
US 4933441	A	19900612	US 1989-339143	19890417 <--
PRIORITY APPLN. INFO.:			US 1987-7289	A2 19870127
OTHER SOURCE(S):	MARPAT 111:228130			

L2 ANSWER 121 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1989:530829 CAPLUS  
DOCUMENT NUMBER: 111:130829  
TITLE: Differential bentazon metabolism and retention of  
bentazon metabolites by plant cell cultures  
AUTHOR(S): Sterling, Tracy M.; Balke, Nelson E.  
CORPORATE SOURCE: Dep. Agron., Univ. Wisconsin, Madison, WI, 53706, USA  
SOURCE: Pesticide Biochemistry and Physiology (1989  
) , 34(1), 39-48  
CODEN: PCBPBS; ISSN: 0048-3575  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 122 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1989:227047 CAPLUS  
DOCUMENT NUMBER: 110:227047  
TITLE: Metsulfuron methyl  
AUTHOR(S): Hershberger, L. W.; Brennan, D. E.  
CORPORATE SOURCE: Agric. Prod. Dep., E. I. du Pont de Nemours and Co.,  
Wilmington, DE, 19898, USA  
SOURCE: Analytical Methods for Pesticides and Plant Growth  
Regulators (1988), 16, 83-103  
CODEN: AMPPC4; ISSN: 0091-7486  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 123 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1989:54133 CAPLUS  
DOCUMENT NUMBER: 110:54133  
TITLE: A method for ascertaining the history of a condition  
of the body from a single blood sample by comparing  
hemoglobin and glycohemoglobins of individual blood  
cells  
INVENTOR(S): Saunders, Alexander M.  
PATENT ASSIGNEE(S): USA

SOURCE: PCT Int. Appl., 38 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8802782	A1	19880421	WO 1987-US2626	19871014 <--
W: JP				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
US 4835097	A	19890530	US 1986-918934	19861015 <--
EP 329682	A1	19890830	EP 1987-907193	19871014 <--
EP 329682	B1	19940309		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 02500463	T	19900215	JP 1987-506601	19871014 <--
AT 102656	T	19940315	AT 1987-907193	19871014 <--
CA 1340365	C	19990202	CA 1989-593958	19890316 <--
PRIORITY APPLN. INFO.:			US 1986-918934	A 19861015
			EP 1987-907193	A 19871014
			WO 1987-US2626	W 19871014

L2 ANSWER 124 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1989:53634 CAPLUS  
 DOCUMENT NUMBER: 110:53634  
 TITLE: Sucrose 6- $\alpha$ -D-glucosyltransferase from  
 Streptococcus sobrinus: characterization of a  
 glucosyl-enzyme complex  
 AUTHOR(S): Mooser, Gregory; Iwaoka, Ken R.  
 CORPORATE SOURCE: Sch. Dent., Univ. South. California, Los Angeles, CA,  
 90089, USA  
 SOURCE: Biochemistry (1989), 28(2), 443-9  
 CODEN: BICHAW; ISSN: 0006-2960  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 125 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1989:8662 CAPLUS  
 DOCUMENT NUMBER: 110:8662  
 TITLE: Synthesis and biological activity of [Leu]enkephalin  
 derivatives containing D-glucose  
 AUTHOR(S): Horvat, J.; Horvat, S.; Lemieux, C.; Schiller, P. W.  
 CORPORATE SOURCE: Dep. Org. Chem. Biochem., "Rudjer Boskovic" Inst.,  
 Zagreb, 41001, Yugoslavia  
 SOURCE: International Journal of Peptide & Protein Research (1988), 31(5), 499-507  
 CODEN: IJPPC3; ISSN: 0367-8377  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 OTHER SOURCE(S): CASREACT 110:8662

L2 ANSWER 126 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1989:4743 CAPLUS  
 DOCUMENT NUMBER: 110:4743  
 TITLE: Conjugates of the 1',4'-diols of abscisic acid with  
 glucose  
 AUTHOR(S): Vaughan, G. T.; Milborrow, B. V.  
 CORPORATE SOURCE: Sch. Biochem., Univ. N.S.W., Kensington, 2033,  
 Australia  
 SOURCE: Phytochemistry (1988), 27(8), 2441-6  
 CODEN: PYTCAS; ISSN: 0031-9422  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 127 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1988:626282 CAPLUS  
 DOCUMENT NUMBER: 109:226282  
 TITLE: Monoclonal antibodies to unreduced, nonenzymically-glycated proteins, their preparation, and their use in immunoassays  
 INVENTOR(S): Tarsio, Joseph F.; Furcht, Leo T.  
 PATENT ASSIGNEE(S): University of Minnesota, USA  
 SOURCE: PCT Int. Appl., 36 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8800346	A1	19880114	WO 1987-US1419	19870617 <--
W: AU, JP				
RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE				
US 4797473	A	19890110	US 1986-878420	19860625 <--
AU 8776437	A	19880129	AU 1987-76437	19870617 <--
AU 606605	B2	19910214		
EP 312540	A1	19890426	EP 1987-904435	19870617 <--
EP 312540	B1	19930324		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 02500004	T	19900111	JP 1987-504085	19870617 <--
JP 2540179	B2	19961002		
AT 87368	T	19930415	AT 1987-904435	19870617 <--
CA 1290266	C	19911008	CA 1987-540370	19870623 <--
ZA 8704558	A	19881026	ZA 1987-4558	19870624 <--
PRIORITY APPLN. INFO.:			US 1986-878420	A 19860625
			EP 1987-904435	A 19870617
			WO 1987-US1419	A 19870617

L2 ANSWER 128 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1988:586791 CAPLUS  
 DOCUMENT NUMBER: 109:186791  
 TITLE: High-performance liquid chromatographic determination of glucosides (glucose conjugates) with post-column reaction detection combining immobilized enzyme reactors and luminol chemiluminescence  
 AUTHOR(S): Koerner, Philip J., Jr.; Nieman, Timothy A.  
 CORPORATE SOURCE: Dep. Chem., Univ. Illinois, Urbana, IL, 61801, USA  
 SOURCE: Journal of Chromatography (1988), 449(1), 217-28  
 CODEN: JOCRAM; ISSN: 0021-9673  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 129 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1988:469933 CAPLUS  
 DOCUMENT NUMBER: 109:69933  
 TITLE: An enzymic method for determination of creatinine, and isolation and preparation of an enzyme for this purpose  
 INVENTOR(S): Sholz, Bernhard; Ebeling, Wolfgang; Vormbrock, Rolf; Helger, Roland; Metz, Harald; Bruemmer, Wolfgang; Linxweiler, Winfried; Linxweiler, Winfried Dr  
 PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Fed. Rep. Ger.  
 SOURCE: Ger. Offen., 6 pp.  
 CODEN: GWXXBX  
 DOCUMENT TYPE: Patent  
 LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3703315	A1	19880107	DE 1987-3703315	19870204 <--
EP 252368	A2	19880113	EP 1987-109063	19870624 <--
R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
JP 63039578	A	19880220	JP 1987-165592	19870703 <--
ZA 8704859	A	19880330	ZA 1987-4859	19870703 <--
PRIORITY APPLN. INFO.:			DE 1986-3622620	A1 19860705
			DE 1987-3703315	A 19870204

L2 ANSWER 130 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1988:402797 CAPLUS  
DOCUMENT NUMBER: 109:2797  
TITLE:  $\beta$ -Glucosidase with gibberellin A8-2-O-glucoside  
hydrolyzing activity from pods of runner beans  
AUTHOR(S): Schliemann, Willibald  
CORPORATE SOURCE: Inst. Plant Biochem., Ger. Acad. Sci., Halle/Saale,  
4050, Ger. Dem. Rep.  
SOURCE: Phytochemistry (1988), 27(3), 689-92  
CODEN: PYTCAS; ISSN: 0031-9422  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 131 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1988:202140 CAPLUS  
DOCUMENT NUMBER: 108:202140  
TITLE: Lectin-binding histochemistry of intracellular and  
extracellular glycoconjugates of the reserve cell zone  
of growth plate cartilage  
AUTHOR(S): Farnum, Cornelia E.; Wilsman, Norman J.  
CORPORATE SOURCE: Coll. Vet. Med., Cornell Univ., Ithaca, NY, 14853, USA  
SOURCE: Journal of Orthopaedic Research (1988),  
6(2), 166-79  
CODEN: JOREDR; ISSN: 0736-0266  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 132 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1988:129084 CAPLUS  
DOCUMENT NUMBER: 108:129084  
TITLE: Microsomal specificity underlying the differing  
hepatic formation of bilirubin glucuronide and  
glucose conjugates by rat and dog  
AUTHOR(S): Sommerer, Ursula; Gordon, Ellen R.; Goresky, Carl A.  
CORPORATE SOURCE: Montreal Gen. Hosp., McGill Univ. Med. Clin.,  
Montreal, QC, H3G 1A4, Can.  
SOURCE: Hepatology (Philadelphia, PA, United States) (  
1988), 8(1), 116-24  
CODEN: HPTLD9; ISSN: 0270-9139  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 133 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1988:70555 CAPLUS  
DOCUMENT NUMBER: 108:70555  
TITLE: Fate and metabolism of dichlorprop in cereals and  
field grass  
AUTHOR(S): Goedicke, H. J.; Banasiak, U.  
CORPORATE SOURCE: Inst. Plant Prot. Res., Acad. Agric. Sci.,  
Kleinmachnow, DDR-1532, Ger. Dem. Rep.  
SOURCE: Archives of Environmental Contamination and Toxicology  
(1988), 17(1), 81-5

CODEN: AECTCV; ISSN: 0090-4341

DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 134 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1988:48613 CAPLUS  
 DOCUMENT NUMBER: 108:48613  
 TITLE: High-performance liquid chromatographic determination of the diastereomers of 1-( $\beta$ -D-glucopyranosyl)amobarbital in urine  
 AUTHOR(S): Soine, Phyllis J.; Soine, William H.  
 CORPORATE SOURCE: Chem. Dep., Randolph-Macon Coll., Ashland, VA, 23005, USA  
 SOURCE: Journal of Chromatography (1987), 422, 309-14  
 CODEN: JOCRAM; ISSN: 0021-9673

DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 135 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1988:3891 CAPLUS  
 DOCUMENT NUMBER: 108:3891  
 TITLE: Characterization of small intestine glycoconjugates by lectins in the elderly  
 AUTHOR(S): Bonvicini, F.; Gasbarrini, G.; Bianchi, D.; Maltarello, M. C.; Laschi, R.  
 CORPORATE SOURCE: Univ. Bologna, Bologna, 40138, Italy  
 SOURCE: Topics in Aging Research in Europe (1986), 10(Nutr. Metab. Aspects Aging), 71-8  
 CODEN: TAEUEN; ISSN: 0168-7190

DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 136 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1987:568182 CAPLUS  
 DOCUMENT NUMBER: 107:168182  
 TITLE: Formation of a diazonium cation intermediate in the metabolism of sulfamethazine to desaminosulfamethazine in the rat  
 AUTHOR(S): Paulson, G. D.; Feil, V. J.; MacGregor, J. T.  
 CORPORATE SOURCE: Metab. Radiat. Res. Lab., Agric. Res. Serv., Fargo, ND, 58105, USA  
 SOURCE: Xenobiotica (1987), 17(6), 697-707  
 CODEN: XENOBH; ISSN: 0049-8254

DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 137 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1987:546752 CAPLUS  
 DOCUMENT NUMBER: 107:146752  
 TITLE: Disposition and metabolism of indeloxazine hydrochloride, a cerebral activator, in rats  
 AUTHOR(S): Kamimura, H.; Enjoji, Y.; Sasaki, H.; Kawai, R.; Kaniwa, H.; Niigata, K.; Kageyama, S.  
 CORPORATE SOURCE: Drug Metab. Dep., Yamanouchi Pharm. Co., Ltd., Tokyo, 174, Japan  
 SOURCE: Xenobiotica (1987), 17(6), 645-58  
 CODEN: XENOBH; ISSN: 0049-8254

DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 138 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1987:135809 CAPLUS  
 DOCUMENT NUMBER: 106:135809  
 TITLE: On the concanavalin A positive layer on the skeletal



muscle fiber

AUTHOR(S): Ovcharov, V.; Khristova, T.; Ichev, K.; Daskalova, R.  
CORPORATE SOURCE: Dep. Anat. Histol. Embryol., Acad. Med., Sofia,  
BG-1431, Bulg.  
SOURCE: Acta Histochemica (1987), 81(2), 163-9  
CODEN: AHISA9; ISSN: 0065-1281  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 139 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1987:116959 CAPLUS  
DOCUMENT NUMBER: 106:116959  
TITLE: Glycoconjugates of the tectorial membrane  
AUTHOR(S): Khalkhali-Ellis, Zhila; Hemming, Frank W.; Steel,  
Karen P.  
CORPORATE SOURCE: Med. Sch., Univ. Nottingham, Nottingham, UK  
SOURCE: Hearing Research (1987), 25(2-3), 185-91  
CODEN: HERED3; ISSN: 0378-5955  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 140 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1987:99975 CAPLUS  
DOCUMENT NUMBER: 106:99975  
TITLE: Light-microscopic studies on spatial and temporal  
binding of the lectins concanavalin A, wheat-germ  
agglutinin and peanut agglutinin in early rat  
odontogenesis  
AUTHOR(S): Blottner, D.; Lindner, E.  
CORPORATE SOURCE: Inst. Anat., Univ. Regensburg, Regensburg, D-8400,  
Fed. Rep. Ger.  
SOURCE: Archives of Oral Biology (1987), 32(1),  
35-42  
CODEN: AOBIA9; ISSN: 0003-9969  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 141 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1987:27344 CAPLUS  
DOCUMENT NUMBER: 106:27344  
TITLE: Hopantenic acid  $\beta$ -glucoside as a new urinary  
metabolite of calcium hopantenate in dogs  
AUTHOR(S): Nakano, Kozaburo; Ando, Hidehiro; Sugawara, Yoichi;  
Ohashi, Motoaki; Harigaya, Shoichi  
CORPORATE SOURCE: Biol. Res. Lab., Tanabe Seiyaku Co., Ltd., Kawagishi,  
335, Japan  
SOURCE: Drug Metabolism and Disposition (1986),  
14(6), 740-5  
CODEN: DMDSAI; ISSN: 0090-9556  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 142 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1986:551618 CAPLUS  
DOCUMENT NUMBER: 105:151618  
TITLE: Analysis of chlorsulfuron and metabolite A in green  
wheat forage by HPLC with a photoconductivity detector  
AUTHOR(S): Zahnow, Edward W.  
CORPORATE SOURCE: Res. Div., E. I. du Pont de Nemours and Co., Inc.,  
Wilmington, DE, 19898, USA  
SOURCE: LC-GC (1986), 4(7), 644-51  
CODEN: LCGCE7; ISSN: 0888-9090  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 143 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1986:532641 CAPLUS  
DOCUMENT NUMBER: 105:132641  
TITLE: Determination of pyridoxine  $\beta$ -glucoside  
bioavailability using intrinsic and extrinsic labeling  
in the rat  
AUTHOR(S): Ink, Steven L.; Gregory, Jesse F., III; Sartain, Doris  
B.  
CORPORATE SOURCE: Food Sci. Hum. Nutr. Dep., Univ. Florida, Gainesville,  
FL, 32611, USA  
SOURCE: Journal of Agricultural and Food Chemistry (  
1986), 34(5), 857-62  
CODEN: JAFCAU; ISSN: 0021-8561  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 144 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1986:476374 CAPLUS  
DOCUMENT NUMBER: 105:76374  
TITLE: Metabolism of ecdysteroids during the embryogenesis of  
Manduca sexta  
AUTHOR(S): Warren, J. T.; Steiner, B.; Dorn, A.; Pak, M.;  
Gilbert, L. I.  
CORPORATE SOURCE: Dep. Biol., Univ. North Carolina, Chapel Hill, NC,  
27514, USA  
SOURCE: Journal of Liquid Chromatography (1986),  
9(8), 1759-82  
CODEN: JLCHD8; ISSN: 0148-3919  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 145 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1986:199521 CAPLUS  
DOCUMENT NUMBER: 104:199521  
TITLE: Depletion kinetics of  $^{14}\text{C}$ -sulfamethazine  
{4-amino-N-(4,6-dimethyl-2-pyrimidinyl)benzene[U-  
 $^{14}\text{C}$ ]sulfonamide} metabolism in swine  
AUTHOR(S): Mitchell, A. D.; Paulson, G. D.  
CORPORATE SOURCE: Dep. Anim. Sci., North Dakota State Univ., Fargo, ND,  
58105, USA  
SOURCE: Drug Metabolism and Disposition (1986),  
14(2), 161-5  
CODEN: DMDSAI; ISSN: 0090-9556  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 146 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1986:199520 CAPLUS  
DOCUMENT NUMBER: 104:199520  
TITLE: Steady state kinetics of  $^{14}\text{C}$ -sulfamethazine  
{4-amino-N-(4,6-dimethyl-2-pyrimidinyl)benzene[U-  
 $^{14}\text{C}$ ]sulfonamide} metabolism in swine  
AUTHOR(S): Mitchell, A. D.; Paulson, G. D.; Zaylskie, R. G.  
CORPORATE SOURCE: Dep. Anim. Sci., North Dakota State Univ., Fargo, ND,  
58105, USA  
SOURCE: Drug Metabolism and Disposition (1986),  
14(2), 155-60  
CODEN: DMDSAI; ISSN: 0090-9556  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 147 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1985:593119 CAPLUS  
DOCUMENT NUMBER: 103:193119  
TITLE: Distribution of gibberellin glucosyl conjugates in the

AUTHOR(S): plant kingdom  
 CORPORATE SOURCE: Murakami, Yutaka  
 SOURCE: Natl. Inst. Agrobiol. Resour., Tsukuba, Japan  
 Shokubutsu no Kagaku Chosetsu (1985), 20(1),  
 1-11  
 CODEN: SKACD7; ISSN: 0388-9130  
 DOCUMENT TYPE: Journal; General Review  
 LANGUAGE: Japanese

L2 ANSWER 148 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1985:577034 CAPLUS  
 DOCUMENT NUMBER: 103:177034  
 TITLE: Identification and quantitation of sulfamethazine  
 metabolites by liquid chromatography and gas  
 chromatography-mass spectrometry  
 AUTHOR(S): Paulson, Gaylord D.; Mitchell, Alva D.; Zaylskie,  
 Richard G.  
 CORPORATE SOURCE: Metab. Radiat. Res. Lab., U. S. Dep. Agric., Fargo,  
 ND, 58105, USA  
 SOURCE: Journal - Association of Official Analytical Chemists  
 (1985), 68(5), 1000-6  
 CODEN: JANCA2; ISSN: 0004-5756  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 149 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1985:555769 CAPLUS  
 DOCUMENT NUMBER: 103:155769  
 TITLE: Metabolism of the synthetic pyrethroid fenpropathrin  
 in plants  
 AUTHOR(S): Mikami, Nobuyoshi; Baba, Yoshiko; Katagi, Toshiyuki;  
 Miyamoto, Junshi  
 CORPORATE SOURCE: Takarazuka Res. Cent., Sumitomo Chem. Co., Ltd.,  
 Hyogo, 665, Japan  
 SOURCE: Journal of Agricultural and Food Chemistry (  
 1985); 33(5), 980-7  
 CODEN: JAFCAU; ISSN: 0021-8561  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English

L2 ANSWER 150 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1985:402065 CAPLUS  
 DOCUMENT NUMBER: 103:2065  
 TITLE: Residual behavior and metabolism of dichlorprop in  
 cereals  
 AUTHOR(S): Banasiak, U.; Binner, R.; Franke, G.; Goedicke, H. J.;  
 Gruendel, D.; Schuette, H. R.  
 CORPORATE SOURCE: Inst. Pflanzenschutzforsch., Akad.  
 Landwirtschaftswiss. DDR, Kleinmachnow, Ger. Dem. Rep.  
 SOURCE: Nahrung (1985), 29(4), 357-67  
 CODEN: NAHRAR; ISSN: 0027-769X  
 DOCUMENT TYPE: Journal  
 LANGUAGE: German

L2 ANSWER 151 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
 ACCESSION NUMBER: 1985:401801 CAPLUS  
 DOCUMENT NUMBER: 103:1801  
 TITLE: Metabolism in rats of 3-phenoxybenzyl alcohol and  
 3-phenoxybenzoic acid glycoside conjugates formed in  
 plants  
 AUTHOR(S): Mikami, Nobuyoshi; Yoshimura, Jun; Kaneko, Hideo;  
 Yamada, Hirohiko; Miyamoto, Junshi  
 CORPORATE SOURCE: Takarazuka Res. Cent., Sumitomo Chem. Co. Ltd.,  
 Takarazuka, 665, Japan  
 SOURCE: Pesticide Science (1985), 16(1), 33-45

CODEN: PSSCBG; ISSN: 0031-613X

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 152 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1985:1924 CAPLUS  
DOCUMENT NUMBER: 102:1924  
TITLE: Metabolism of the insecticide Baythroid by cell suspension cultures  
AUTHOR(S): Preiss, U.; Wagner, K.; Oehlmann, L.; Engelhardt, G.; Wallnoefer, P.  
CORPORATE SOURCE: Bayer. Landesanst. Ernaehr., Munich, D-8000/19, Fed. Rep. Ger.  
SOURCE: Chemosphere (1984), 13(8), 861-72  
CODEN: CMSHAF; ISSN: 0045-6535

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 153 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1984:609272 CAPLUS  
DOCUMENT NUMBER: 101:209272  
TITLE: A study of the absorption, excretion, metabolism, and residues in tissues in rats fed carbon-14-labeled sulfamethazine  
AUTHOR(S): Zulalian, Jack; Stout, Steve J.; Babcock, Clarence N.; Lucas, Lynne M.; Miller, Phillip; Orloski, Edward J.  
CORPORATE SOURCE: Metab. Lab., American Cyanamid Co., Princeton, NJ, 08540, USA  
SOURCE: Journal of Agricultural and Food Chemistry (1984), 32(6), 1434-40  
CODEN: JAFCAU; ISSN: 0021-8561

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 154 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1984:81129 CAPLUS  
DOCUMENT NUMBER: 100:81129  
TITLE: Acifluorfen metabolism in soybean: diphenyl ether bond cleavage and the formation of homoglutathione, cysteine, and glucose conjugates  
AUTHOR(S): Frear, D. S.; Swanson, H. R.; Mansager, E. R.  
CORPORATE SOURCE: Metab. Radiat. Res. Lab., Agric. Res. Serv., Fargo, ND, 58105, USA  
SOURCE: Pesticide Biochemistry and Physiology (1983), 20(3), 299-310  
CODEN: PCBPBS; ISSN: 0048-3575

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 155 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1983:2794 CAPLUS  
DOCUMENT NUMBER: 98:2794  
TITLE: Time course of the metabolism of abscisic acid and its trans-trans isomer in cell suspension cultures of *Lycopersicon peruvianum*  
AUTHOR(S): Lehmann, Hanno; Vlasov, P. V.  
CORPORATE SOURCE: Inst. Plant Biochem., Acad. Sci. GDR, Halle/Saale, DDR-4010, Ger. Dem. Rep.  
SOURCE: Biochemie und Physiologie der Pflanzen (1982), 177(4-5), 387-94  
CODEN: BPPFA4; ISSN: 0015-3796

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 156 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1982:488863 CAPLUS  
DOCUMENT NUMBER: 97:88863  
TITLE: Development of 1-O-sinapoyl- $\beta$ -D-glucose:L-malate  
sinapoyltransferase activity in cotyledons of red  
radish (*Raphanus sativus* L. var *sativus*)  
AUTHOR(S): Strack, Dieter  
CORPORATE SOURCE: Bot. Inst., Univ. Koeln, Cologne, D-5000/41, Fed. Rep.  
Ger.  
SOURCE: Planta (1982), 155(1), 31-6  
CODEN: PLANAB; ISSN: 0032-0935  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 157 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1982:102644 CAPLUS  
DOCUMENT NUMBER: 96:102644  
TITLE: Isolation and identification of a polar sulfamethazine  
metabolite from swine tissue  
AUTHOR(S): Giera, Deborah D.; Abdulla, Riaz F.; Occolowitz, John  
L.; Dorman, Douglas E.; Mertz, James L.; Sieck, Robert  
F.  
CORPORATE SOURCE: Dep. Agric. Biochem., Lilly Res. Lab., Greenfield, IN,  
46140, USA  
SOURCE: Journal of Agricultural and Food Chemistry (1982), 30(2), 260-3  
CODEN: JAFCAU; ISSN: 0021-8561  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 158 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1981:202410 CAPLUS  
DOCUMENT NUMBER: 94:202410  
TITLE: The isolation and identification of <sup>14</sup>C-sulfamethazine  
{4-amino-N-(4,6-dimethyl-2-pyrimidinyl)[<sup>14</sup>C]benzenesulfonamide} metabolites in  
the tissues and excreta of swine  
AUTHOR(S): Paulson, G. D.; Giddings, J. M.; Lamoureux, C. H.;  
Mansager, E. R.; Struble, C. B.  
CORPORATE SOURCE: Metab. Radiat. Res. Lab., Sci. Educ. Adm., Fargo, ND,  
58105, USA  
SOURCE: Drug Metabolism and Disposition (1981),  
9(2), 142-6  
CODEN: DMDSAI; ISSN: 0090-9556  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 159 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1980:489788 CAPLUS  
DOCUMENT NUMBER: 93:89788  
TITLE: In vitro rumen metabolism of carbon-14-labeled oxamyl  
and selected metabolites of oxamyl  
AUTHOR(S): Belasco, Irvin J.; Harvey, John, Jr.  
CORPORATE SOURCE: Biochem. Dep., E. I. du Pont de Nemours and Co., Inc.,  
Wilmington, DE, 19898, USA  
SOURCE: Journal of Agricultural and Food Chemistry (1980), 28(4), 689-92  
CODEN: JAFCAU; ISSN: 0021-8561  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 160 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1980:422729 CAPLUS  
DOCUMENT NUMBER: 93:22729  
TITLE: Endogenous hormones in afterripening wild oat (*Avena  
fatua*) seed

AUTHOR(S): Taylor, J. S.; Simpson, G. M.  
CORPORATE SOURCE: Crop Sci. Dep., Univ. Saskatchewan, Saskatoon, SK, S7N 0W0, Can.  
SOURCE: Canadian Journal of Botany (1980), 58(9), 1016-24  
CODEN: CJBOAW; ISSN: 0008-4026  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 161 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1980:209927 CAPLUS  
DOCUMENT NUMBER: 92:209927  
TITLE: Detoxification of jojoba meal  
AUTHOR(S): Verbiscar, Anthony J.; Banigan, Thomas F.; Weber, Charles W.; Reid, B. L.; Trei, John E.; Nelson, Edward A.; Raffauf, Robert F.; Kosersky, Donald  
CORPORATE SOURCE: Anver Biosci. Des., Inc., Sierra Madre, CA, 91024, USA  
SOURCE: Journal of Agricultural and Food Chemistry (1980), 28(3), 571-8  
CODEN: JAFCAU; ISSN: 0021-8561  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 162 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1980:160604 CAPLUS  
DOCUMENT NUMBER: 92:160604  
TITLE: Plants metabolize ethylene to ethylene glycol  
AUTHOR(S): Blomstrom, Dale C.; Beyer, Elmo M., Jr.  
CORPORATE SOURCE: Cent. Res. Dev. Dep., E. I. du Pont de Nemours and Co., Wilmington, DE, 19898, USA  
SOURCE: Nature (London, United Kingdom) (1980), 283(5742), 66-8  
CODEN: NATUAS; ISSN: 0028-0836  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 163 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1979:97269 CAPLUS  
DOCUMENT NUMBER: 90:97269  
TITLE: Distinctive patterns of amobarbital metabolites  
AUTHOR(S): Kalow, W.; Tang, B. K.; Kadar, D.; Inaba, T.  
CORPORATE SOURCE: Dep. Pharmacol., Univ. Toronto, Toronto, ON, Can.  
SOURCE: Clinical Pharmacology & Therapeutics (St. Louis, MO, United States) (1978), 24(5), 576-82  
CODEN: CLPTAT; ISSN: 0009-9236  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 164 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1979:49484 CAPLUS  
DOCUMENT NUMBER: 90:49484  
TITLE: The metabolism of the herbicide diphenamid (N-N-dimethyl-2,2-diphenyl-acetamide) in cell suspensions of soybean (Glycine max)  
AUTHOR(S): Davis, D. G.; Hodgson, R. H.; Dusbabek, K. E.; Hoffer, B. L.  
CORPORATE SOURCE: Metab. Radiat. Res. Lab., Sci. Educ. Adm., Fargo, ND, USA  
SOURCE: Physiologia Plantarum (1978), 44(2), 87-91  
CODEN: PHPLAI; ISSN: 0031-9317  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 165 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1979:34842 CAPLUS

DOCUMENT NUMBER: 90:34842  
TITLE: Comparative experiments about biotransformation of xenobiotics in cell suspension cultures and whole plants of *Agrostemma githago* and *Datura innoxia*  
AUTHOR(S): Schuette, H. R.; Stock, M.  
CORPORATE SOURCE: Inst. Plant Biochem., Ger. Acad. Sci., Halle/Saale, Ger. Dem. Rep.  
SOURCE: International Congress Series (1978), 440 (Ind. Environ. Xenobiotics), 225-6  
CODEN: EXMDA4; ISSN: 0531-5131  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 166 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1977:546934 CAPLUS  
DOCUMENT NUMBER: 87:146934  
TITLE: Metabolism and distribution of cyclohexanecarboxylic acid, a plant growth stimulant, in bush bean  
AUTHOR(S): Padmanabhan, Usha; Wort, D. James  
CORPORATE SOURCE: Dep. Bot., Univ. British Columbia, Vancouver, BC, Can.  
SOURCE: Plant Physiology (1977), 60(1), 22-5  
CODEN: PLPHAY; ISSN: 0032-0889  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 167 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1977:546670 CAPLUS  
DOCUMENT NUMBER: 87:146670  
TITLE: Metabolism of Cytrolane systemic insecticide (mephosfolan), propylene (diethoxyphosphinyl)dithioimidocarbonate, in cotton plants  
AUTHOR(S): Zulalian, Jack; Blinn, Roger C.  
CORPORATE SOURCE: Agric. Div., Am. Cyanamid Co., Princeton, NJ, USA  
SOURCE: Journal of Agricultural and Food Chemistry (1977), 25(5), 1033-9  
CODEN: JAFCAU; ISSN: 0021-8561  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 168 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1976:574060 CAPLUS  
DOCUMENT NUMBER: 85:174060  
TITLE: Formation of N-(2-amino-1,2-dicyanoethylenyl)- $\beta$ -D-glucopyranosylamine in the acidic culture medium containing diaminomaleonitrile and D-glucose  
AUTHOR(S): Kuwahara, Masaaki; Ohchi, Mikiko; Koh, Hen-Sik  
CORPORATE SOURCE: Dep. Food Sci., Kagawa Univ., Kagawa, Japan  
SOURCE: Agricultural and Biological Chemistry (1976), 40(9), 1889-90  
CODEN: ABCHA6; ISSN: 0002-1369  
DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 169 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1976:99465 CAPLUS  
DOCUMENT NUMBER: 84:99465  
TITLE: Various bilirubin conjugates in pregnant and nonpregnant rats with and without phenobarbital treatment  
AUTHOR(S): Vaisman, Sergio L.; Lee, Kwang S.; Gartner, Lawrence M.  
CORPORATE SOURCE: Rose F. Kennedy Cent. Res. Ment. Retard. Hum. Dev., Albert Einstein Coll. Med., Bronx, NY, USA  
SOURCE: Pediatric Research (1976), 10(2), 111-13  
CODEN: PEREBL; ISSN: 0031-3998

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 170 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1975:52577 CAPLUS  
DOCUMENT NUMBER: 82:52577  
TITLE: Differential absorption, translocation, and metabolism of metribuzin [4-amino-6-tert-butyl-3-(methylthio)-as-triazine-5(4H)one] by soybean cultivars  
AUTHOR(S): Smith, A. E.; Wilkinson, R. E.  
CORPORATE SOURCE: Coll. Agric., Univ. Georgia, Experiment, GA, USA  
SOURCE: Physiologia Plantarum (1974), 32(3), 253-7  
CODEN: PHPLAI; ISSN: 0031-9317

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 171 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1973:414363 CAPLUS  
DOCUMENT NUMBER: 79:14363  
TITLE: Influence of temperature on absorption, translocation, and metabolism of pyrazon in sugar beets  
AUTHOR(S): Koren, Ephraim; Ashton, Floyd M.  
CORPORATE SOURCE: Dep. Bot., Univ. California, Davis, CA, USA  
SOURCE: Weed Science (1973), 21(3), 241-5  
CODEN: WEESA6; ISSN: 0043-1745

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 172 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1972:32593 CAPLUS  
DOCUMENT NUMBER: 76:32593  
TITLE: Excretion in dog bile of glucose and xylose conjugates of bilirubin  
AUTHOR(S): Fevery, J.; Van Hees, G. P.; Leroy, P.; Compernelle, F.; Heirwegh, K. P. M.  
CORPORATE SOURCE: Rega Inst., Univ. Leuven, Louvain, Belg.  
SOURCE: Biochemical Journal (1971), 125(3), 803-10  
CODEN: BIJOAK; ISSN: 0264-6021

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 173 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1969:76683 CAPLUS  
DOCUMENT NUMBER: 70:76683  
TITLE: Bidrin insecticide  
AUTHOR(S): Porter, Paul E.  
CORPORATE SOURCE: Shell Develop. Co., Modesto, CA, USA  
SOURCE: Anal. Methods Pestic., Plant Growth Regul., Food Additives (1967), 5, 213-33  
CODEN: 18AXAA

DOCUMENT TYPE: Journal  
LANGUAGE: English

L2 ANSWER 174 OF 174 CAPLUS COPYRIGHT 2007 ACS on STN  
ACCESSION NUMBER: 1966:20883 CAPLUS  
DOCUMENT NUMBER: 64:20883  
ORIGINAL REFERENCE NO.: 64:3897f-h  
TITLE: Chlorogenic acid biosynthesis. Relation between the chemical structures of cinnamoyl and hydroxycinnamoyl conjugates and R<sub>g</sub> values from gradient chromatography  
AUTHOR(S): Hanson, Kenneth R.  
CORPORATE SOURCE: Connecticut Agr. Expt. Sta., New Haven, CT, USA  
SOURCE: Biochemistry (1965), 4(12), 2731-5  
CODEN: BICHAW; ISSN: 0006-2960

DOCUMENT TYPE: Journal



LANGUAGE: English

=> file medline  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
209.08	347.03

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-28.86

CA SUBSCRIBER PRICE

FILE 'MEDLINE' ENTERED AT 17:49:55 ON 09 JUL 2007

FILE LAST UPDATED: 7 Jul 2007 (20070707/UP). FILE COVERS 1950 TO DATE.

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> s "glucose conjugate" or "deoxyglucose conjugate" or "glucosamine conjugate"

```
299490 "GLUCOSE"
207 "GLUCOSES"
299542 "GLUCOSE"
      ("GLUCOSE" OR "GLUCOSES")
24603 "CONJUGATE"
19059 "CONJUGATES"
38628 "CONJUGATE"
      ("CONJUGATE" OR "CONJUGATES")
65 "GLUCOSE CONJUGATE"
      ("GLUCOSE" (W) "CONJUGATE")
12576 "DEOXYGLUCOSE"
5 "DEOXYGLUCOSES"
12579 "DEOXYGLUCOSE"
      ("DEOXYGLUCOSE" OR "DEOXYGLUCOSES")
24603 "CONJUGATE"
19059 "CONJUGATES"
38628 "CONJUGATE"
      ("CONJUGATE" OR "CONJUGATES")
0 "DEOXYGLUCOSE CONJUGATE"
      ("DEOXYGLUCOSE" (W) "CONJUGATE")
14496 "GLUCOSAMINE"
70 "GLUCOSAMINES"
14528 "GLUCOSAMINE"
      ("GLUCOSAMINE" OR "GLUCOSAMINES")
24603 "CONJUGATE"
19059 "CONJUGATES"
38628 "CONJUGATE"
      ("CONJUGATE" OR "CONJUGATES")
5 "GLUCOSAMINE CONJUGATE"
      ("GLUCOSAMINE" (W) "CONJUGATE")
```

L8 69. "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMINE  
CONJUGATE"

=> s l8 and py<=2003  
14572685 PY<=2003  
(PY<=20039999)

L9 .45 L8 AND PY<=2003

=> d 19 1-45

L9 ANSWER 1 OF 45 MEDLINE on STN

AN 2003390939 MEDLINE

DN PubMed ID: 12926879

TI Metabolism of fungicide diethofencarb in grape (Vitis vinifera L.):  
definitive identification of thiolactic acid conjugated metabolites.

AU Fujisawa Takuo; Ichise-Shibuya Keiko; Katagi Toshiyuki; Ruzo Luis O;  
 Takimoto Yoshiyuki  
 CS Environmental Health Science Laboratory, Sumitomo Chemical Co., Ltd., 2-1,  
 Takatsukasa 4-Chome, Takarazuka 665-8555, Japan.. fujisawat1@sc.sumitomo-  
 chem.co.jp  
 SO Journal of agricultural and food chemistry, (2003 Aug 27) Vol.  
 51, No. 18, pp. 5329-36.  
 Journal code: 0374755. ISSN: 0021-8561.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200310  
 ED Entered STN: 21 Aug 2003  
 Last Updated on STN: 8 Oct 2003  
 Entered Medline: 6 Oct 2003

L9 ANSWER 2 OF 45 MEDLINE on STN  
 AN 2003222399 MEDLINE  
 DN PubMed ID: 10948220  
 TI Extracellular beta-glucosidase activity in barley involved in the  
 hydrolysis of ABA glucose conjugate in leaves.  
 AU Dietz K J; Sauter A; Wichert K; Messdaghi D; Hartung W  
 CS Julius-von-Sachs-Institut fur Biowissenschaften, Universitat Wurzburg,  
 Julius-von-Sachs-Platz 2, D-97082 Wurzburg, Germany.  
 SO Journal of experimental botany, (2000 May) Vol. 51, No. 346, pp.  
 937-44.  
 Journal code: 9882906. ISSN: 0022-0957.  
 CY England: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200308  
 ED Entered STN: 15 May 2003  
 Last Updated on STN: 7 Aug 2003  
 Entered Medline: 6 Aug 2003

L9 ANSWER 3 OF 45 MEDLINE on STN  
 AN 2002423310 MEDLINE  
 DN PubMed ID: 12179983  
 TI Profiling isoflavonoids found in legume root extracts using capillary  
 electrophoresis.  
 AU Baggett Brandi R; Cooper John D; Hogan Eric T; Carper Jason; Paiva Nancy  
 L; Smith Joel T  
 CS Department of Physical Sciences, Southeastern Oklahoma State University,  
 P.O. Box 4025-Campus, Durant, OK 74701-0609, USA.  
 NC S06 GM08003-30 (NIGMS)  
 SO Electrophoresis, (2002 Jun) Vol. 23, No. 11, pp. 1642-51.  
 Journal code: 8204476. ISSN: 0173-0835.  
 CY Germany: Germany, Federal Republic of  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
 LA English  
 FS Priority Journals  
 EM 200307  
 ED Entered STN: 16 Aug 2002  
 Last Updated on STN: 19 Jul 2003  
 Entered Medline: 18 Jul 2003

L9 ANSWER 4 OF 45 MEDLINE on STN  
 AN 2002313485 MEDLINE  
 DN PubMed ID: 12021639  
 TI Atypical pharmacokinetics and metabolism of mycophenolic acid in a young

kidney transplant recipient with impaired renal function.

AU Wigger Marianne; Armstrong Victor William; Shipkova Maria; Wacke Rainer;  
Nizze Horst; Streit Frank; von Ahsen Nicolas; Muscheites Jutta; Glasenapp  
Sabine; Stolpe Hans-Joachim; Oellerich Michael

CS Department for Pediatric Nephrology and Dialysis, University of Rostock,  
Rostock, Germany.

SO Therapeutic drug monitoring, (2002 Jun) Vol. 24, No. 3, pp.  
438-43.

Journal code: 7909660. ISSN: 0163-4356.

CY United States

DT (CASE REPORTS)

Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200211

ED Entered STN: 12 Jun 2002  
Last Updated on STN: 11 Dec 2002  
Entered Medline: 14 Nov 2002

L9 ANSWER 5 OF 45 MEDLINE on STN

AN 2002272567 MEDLINE

DN PubMed ID: 12012244

TI 4-Hydroxycinnamoyl-CoA hydratase/lyase, an enzyme of phenylpropanoid  
cleavage from Pseudomonas, causes formation of C(6)-C(1) acid and alcohol  
glucose conjugates when expressed in hairy roots of  
Datura stramonium L.

AU Mitra Adinpunya; Mayer Melinda J; Mellon Fred A; Michael Anthony J; Narbad  
Arjan; Parr Adrian J; Waldron Keith W; Walton Nicholas J

CS Food Safety Science Division, Institute of Food Research, Norwich Reserch  
Park, Colney, Norwich NR4 7UA, UK.

SO Planta, (2002 May) Vol. 215, No. 1, pp. 79-89. Electronic  
Publication: 2002-01-23.

Journal code: 1250576. ISSN: 0032-0935.

CY Germany: Germany, Federal Republic of

DT Journal; Article; (JOURNAL ARTICLE)

(RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English

FS Priority Journals

EM 200208

ED Entered STN: 16 May 2002  
Last Updated on STN: 5 Jan 2003  
Entered Medline: 23 Aug 2002

L9 ANSWER 6 OF 45 MEDLINE on STN

AN 2002172093 MEDLINE

DN PubMed ID: 11902934

TI Identification of fonofos metabolites in Lactu sativa, Beta vulgaris, and  
Triticum aestivum by packed capillary flow fast atom bombardment tandem  
mass spectrometry.

AU Onisko Bruce C; Tambling Doug R; Gorder Greg W; Diaz David G; Ericson John  
L; Prisbylla Mike P; Spillner Chuck J

CS Syngenta, 1200 South 47th Street, Box 4023, Richmond, California  
94804-0023, USA.. onibid@earthlink.com

SO Journal of agricultural and food chemistry, (2002 Mar 27) Vol.  
50, No. 7, pp. 1922-8.

Journal code: 0374755. ISSN: 0021-8561.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200205

ED Entered STN: 21 Mar 2002  
Last Updated on STN: 18 May 2002  
Entered Medline: 17 May 2002

L9 ANSWER 7 OF 45 MEDLINE on STN  
 AN 2001376621 MEDLINE  
 DN PubMed ID: 11433402  
 TI Inactivation of O(6)-methylguanine-DNA methyltransferase by glucose-conjugated inhibitors.  
 AU Reinhard J; Eichhorn U; Wiessler M; Kaina B  
 CS Division of Molecular Toxicology, German Cancer Research Center, Heidelberg, Germany.  
 SO International journal of cancer. Journal international du cancer, (2001 Aug 1) Vol. 93, No. 3, pp. 373-9.  
 Journal code: 0042124. ISSN: 0020-7136.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200107  
 ED Entered STN: 30 Jul 2001  
 Last Updated on STN: 30 Jul 2001  
 Entered Medline: 26 Jul 2001

L9 ANSWER 8 OF 45 MEDLINE on STN  
 AN 2000193526 MEDLINE  
 DN PubMed ID: 10727634  
 TI Systemically administered D-glucose conjugates of 7-chlorokynurenic acid are centrally available and exert anticonvulsant activity in rodents.  
 AU Battaglia G; La Russa M; Bruno V; Arenare L; Ippolito R; Copani A; Bonina F; Nicoletti F  
 CS I.N.M. Neuromed, Pozilli, Italy.  
 SO Brain research, (2000 Mar 31) Vol. 860, No. 1-2, pp. 149-56.  
 Journal code: 0045503. ISSN: 0006-8993.  
 CY Netherlands  
 DT (COMPARATIVE STUDY)  
 Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200006  
 ED Entered STN: 22 Jun 2000  
 Last Updated on STN: 22 Jun 2000  
 Entered Medline: 15 Jun 2000

L9 ANSWER 9 OF 45 MEDLINE on STN  
 AN 2000191520 MEDLINE  
 DN PubMed ID: 10725098  
 TI Application to a cartilage targeting strategy: synthesis and in vivo biodistribution of (14)C-labeled quaternary ammonium-glucosamine conjugates.  
 AU Giraud I; Rapp M; Maurizis J C; Madelmont J C  
 CS INSERM Unite 484, Rue Montalembert, BP 184, 63005 Clermont-Ferrand Cedex, France.  
 SO Bioconjugate chemistry, (2000 Mar-Apr) Vol. 11, No. 2, pp. 212-8.  
 Journal code: 9010319. ISSN: 1043-1802.  
 CY United States  
 DT (COMPARATIVE STUDY)  
 Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200005  
 ED Entered STN: 13 Jun 2000  
 Last Updated on STN: 13 Jun 2000  
 Entered Medline: 31 May 2000

L9 ANSWER 10 OF 45 MEDLINE on STN  
 AN 2000169229 MEDLINE  
 DN PubMed ID: 10702350  
 TI Changes in the metabolic elimination profile of testosterone following exposure of the crustacean *Daphnia magna* to tributyltin.  
 AU LeBlanc G A; McLachlan J B  
 CS Department of Toxicology, North Carolina State University, Raleigh, North Carolina 27695-7633, USA.. ga\_leblanc@ncsu.edu  
 SO Ecotoxicology and environmental safety, (2000 Mar) Vol. 45, No. 3, pp. 296-303.  
 Journal code: 7805381. ISSN: 0147-6513.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)  
 LA English  
 FS Priority Journals  
 EM 200004  
 ED Entered STN: 21 Apr 2000  
 Last Updated on STN: 10 Dec 2002  
 Entered Medline: 12 Apr 2000

L9 ANSWER 11 OF 45 MEDLINE on STN  
 AN 1999408208 MEDLINE  
 DN PubMed ID: 10480331  
 TI Transport and recognition of aminopeptidase-resistant cellobiose-coupled tyrosylglycylglycine by intestinal Na<sup>+</sup>/glucose cotransporter (SGLT1): recognition of sugar conjugates by SGLT1 is much less restricted than transport.  
 AU Mizuma T; Sakai N; Hagi K; Awazu S  
 CS Department of Biopharmaceutics and Drug Rational Research Center, School of Pharmacy, Tokyo University of Pharmacy and Life Science, Hachioji, Japan.  
 SO Biological & pharmaceutical bulletin, (1999 Aug) Vol. 22, No. 8, pp. 876-9.  
 Journal code: 9311984. ISSN: 0918-6158.  
 CY Japan  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199910  
 ED Entered STN: 11 Jan 2000  
 Last Updated on STN: 11 Jan 2000  
 Entered Medline: 28 Oct 1999

L9 ANSWER 12 OF 45 MEDLINE on STN  
 AN 1999219728 MEDLINE  
 DN PubMed ID: 10204993  
 TI Identification of glucoside and carboxyl-linked glucuronide conjugates of mycophenolic acid in plasma of transplant recipients treated with mycophenolate mofetil.  
 AU Shipkova M; Armstrong V W; Wieland E; Niedmann P D; Schutz E; Brenner-Weiss G; Voihsel M; Braun F; Oellerich M  
 CS Abteilung Klinische Chemie, George-August-Universitat Gottingen, Germany.. ewieland@med.uni-goettingen.de  
 SO British journal of pharmacology, (1999 Mar) Vol. 126, No. 5, pp. 1075-82.  
 Journal code: 7502536. ISSN: 0007-1188.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 199906  
 ED Entered STN: 18 Jun 1999  
 Last Updated on STN: 18 Jun 1999

Entered Medline: 9 Jun 1999

L9 ANSWER 13 OF 45 MEDLINE on STN  
AN 1999133780 MEDLINE  
DN PubMed ID: 9950281  
TI Intestinal absorption of acyclovir beta-glucoside: comparative study with acyclovir, guanosine, and kinetin beta-glucoside.  
AU Mizuma T; Masubuchi S; Awazu S  
CS Department of Biopharmaceutics and Drug Rational Research Center, School of Pharmacy, Tokyo University of Pharmacy and Life Sciences, Hachioji, Japan.  
SO Pharmaceutical research, (1999 Jan) Vol. 16, No. 1, pp. 69-73.  
Journal code: 8406521. ISSN: 0724-8741.  
CY United States  
DT (COMPARATIVE STUDY)  
Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199904  
ED Entered STN: 4 May 1999  
Last Updated on STN: 4 May 1999  
Entered Medline: 20 Apr 1999

L9 ANSWER 14 OF 45 MEDLINE on STN  
AN 1998398332 MEDLINE  
DN PubMed ID: 9729444  
TI Factors that cause the beta-anomeric preference of Na<sup>+</sup>/glucose cotransporter for intestinal transport of monosaccharide conjugates.  
AU Mizuma T; Nagamine Y; Dobashi A; Awazu S  
CS Department of Biopharmaceutics, School of Pharmacy, Tokyo University of Pharmacy and Life Science, 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan.  
SO Biochimica et biophysica acta, (1998 Aug 24) Vol. 1381, No. 3, pp. 340-6.  
Journal code: 0217513. ISSN: 0006-3002.  
CY Netherlands  
DT (COMPARATIVE STUDY)  
Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 199810  
ED Entered STN: 8 Oct 1998  
Last Updated on STN: 8 Oct 1998  
Entered Medline: 1 Oct 1998

L9 ANSWER 15 OF 45 MEDLINE on STN  
AN 1998308588 MEDLINE  
DN PubMed ID: 9644718  
TI Intestinal metabolism and transport of alpha-disaccharide conjugates: the role of disaccharidase in the Na<sup>+</sup>/glucose cotransporter-mediated transport.  
AU Mizuma T; Awazu S  
CS Department of Biopharmaceutics, School of Pharmacy, Tokyo University of Pharmacy and Life Science (TUPLS), Japan.  
SO Research communications in molecular pathology and pharmacology, (1998 Apr) Vol. 100, No. 1, pp. 43-52.  
Journal code: 9437512. ISSN: 1078-0297.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199809  
ED Entered STN: 25 Sep 1998  
Last Updated on STN: 25 Sep 1998

Entered Medline: 16 Sep 1998

L9 ANSWER 16 OF 45 MEDLINE on STN  
AN 1998127843 MEDLINE  
DN PubMed ID: 9468325  
TI Intestinal Na<sup>+</sup>/glucose cotransporter-mediated transport of glucose  
conjugate formed from disaccharide conjugate.  
AU Mizuma T; Awazu S  
CS Department of Biopharmaceutics, School of Pharmacy, Tokyo University of  
Pharmacy and Life Science, Hachioji, Japan.  
SO Biochimica et biophysica acta, (1998 Jan 8) Vol. 1379, No. 1,  
pp. 1-6.  
Journal code: 0217513. ISSN: 0006-3002.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199803  
ED Entered STN: 26 Mar 1998  
Last Updated on STN: 26 Mar 1998  
Entered Medline: 18 Mar 1998

L9 ANSWER 17 OF 45 MEDLINE on STN  
AN 1998095732 MEDLINE  
DN PubMed ID: 9434289  
TI Cellulase-catalyzed transglucosylation of acetaminophen and acyclovir:  
preparative enzymatic synthesis of beta-glucose  
conjugate.  
AU Mizuma T; Masubuchi S; Awazu S  
CS Department of Biopharmaceutics, Drug Rational Research Center School of  
Pharmacy, Tokyo University of Pharmacy and Life Science.  
SO Pharmaceutical research, (1997 Nov) Vol. 14, No. 11, pp.  
1647-50.  
Journal code: 8406521. ISSN: 0724-8741.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199802  
ED Entered STN: 26 Feb 1998  
Last Updated on STN: 26 Feb 1998  
Entered Medline: 19 Feb 1998

L9 ANSWER 18 OF 45 MEDLINE on STN  
AN 1998074927 MEDLINE  
DN PubMed ID: 9414116  
TI Relative bioavailability of the antioxidant flavonoid quercetin from  
various foods in man.  
AU Hollman P C; van Trijp J M; Buysman M N; van der Gaag M S; Mengelers M J;  
de Vries J H; Katan M B  
CS DLO-State Institute for Quality Control of Agricultural Products  
(RIKILT-DLO), Wageningen, The Netherlands.. p.c.h.hollman@rikilt.dlo.nl  
SO FEBS letters, (1997 Nov 24) Vol. 418, No. 1-2, pp. 152-6.  
Journal code: 0155157. ISSN: 0014-5793.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 199801  
ED Entered STN: 30 Jan 1998  
Last Updated on STN: 30 Jan 1998  
Entered Medline: 16 Jan 1998

L9 ANSWER 19 OF 45 MEDLINE on STN

AN 97048203 MEDLINE  
 DN PubMed ID: 8893039  
 TI Metabolism of 14C-sulphadimethoxane in swine.  
 AU Adams P E; Feil V J; Paulson G D  
 CS US Department of Agriculture, Agricultural Research Service, Biosciences  
 Research Laboratory, Fargo, ND 58105, USA.  
 SO Xenobiotica; the fate of foreign compounds in biological systems,  
 (1996 Sep) Vol. 26, No. 9, pp. 921-33.  
 Journal code: 1306665. ISSN: 0049-8254.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199702  
 ED Entered STN: 27 Feb 1997  
 Last Updated on STN: 27 Feb 1997  
 Entered Medline: 7 Feb 1997

L9 ANSWER 20 OF 45 MEDLINE on STN  
 AN 96261091 MEDLINE  
 DN PubMed ID: 8652115  
 TI Initial oxidative and subsequent conjugative metabolites produced during  
 the metabolism of phenanthrene by fungi.  
 AU Casillas R P; Crow S A Jr; Heinze T M; Deck J; Cerniglia C E  
 CS Department of Biology, Georgia State University, Atlanta 30303, USA.  
 SO Journal of industrial microbiology, (1996 Apr) Vol. 16, No. 4,  
 pp. 205-15.  
 Journal code: 8610887. ISSN: 0169-4146.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Biotechnology  
 EM 199607  
 ED Entered STN: 8 Aug 1996  
 Last Updated on STN: 8 Aug 1996  
 Entered Medline: 26 Jul 1996

L9 ANSWER 21 OF 45 MEDLINE on STN  
 AN 96226075 MEDLINE  
 DN PubMed ID: 8632770  
 TI Stimulation of Ca(2+)-dependent membrane currents in Xenopus oocytes by  
 microinjection of pyrimidine nucleotide-glucose  
 conjugates.  
 AU Kim H Y; Thomas D; Hanley M R  
 CS Department of Biological Chemistry, School of Medicine, University of  
 California, Davis 95616-8635, USA.  
 SO Molecular pharmacology, (1996 Feb) Vol. 49, No. 2, pp. 360-4.  
 Journal code: 0035623. ISSN: 0026-895X.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
 LA English  
 FS Priority Journals  
 EM 199607  
 ED Entered STN: 15 Jul 1996  
 Last Updated on STN: 6 Feb 1998  
 Entered Medline: 3 Jul 1996

L9 ANSWER 22 OF 45 MEDLINE on STN  
 AN 95376044 MEDLINE  
 DN PubMed ID: 7648022  
 TI Metabolism of the Fusarium mycotoxins zearalenone and deoxynivalenol by  
 yeast strains of technological relevance.  
 AU Boswald C; Engelhardt G; Vogel H; Wallnofer P R



CS Bayerische Landesanstalt fur Ernährung, Abteilung Ernährung, Munchen, Germany.

SO Natural toxins, (1995) Vol. 3, No. 3, pp. 138-44.  
Journal code: 9212382. ISSN: 1056-9014.

CY United States

DT (COMPARATIVE STUDY)  
Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 199509

ED Entered STN: 5 Oct 1995  
Last Updated on STN: 5 Oct 1995  
Entered Medline: 28 Sep 1995

L9 ANSWER 23 OF 45 MEDLINE on STN

AN 94226760 MEDLINE

DN PubMed ID: 7513528

TI Microbial transformation of immunosuppressive compounds. III.  
Glucosylation of immunomycin (FR 900520) and FK 506 by *Bacillus subtilis* ATCC 55060.

AU Petuch B R; Arison B; Hsu A; Monaghan R; Dumont F J; Chen T S

CS Merck Research Laboratories, Rahway, NJ 07065.

SO Journal of industrial microbiology, (1994 Mar) Vol. 13, No. 2, pp. 131-5.  
Journal code: 8610887. ISSN: 0169-4146.

CY ENGLAND: United Kingdom

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Biotechnology

EM 199406

ED Entered STN: 9 Aug 1995  
Last Updated on STN: 29 Jan 1996  
Entered Medline: 6 Jun 1994

L9 ANSWER 24 OF 45 MEDLINE on STN

AN 94072002 MEDLINE

DN PubMed ID: 8250974

TI Absorption of N4-D-glucopyranosylsulphamethazine by rat everted intestinal sacs.

AU Wang Y; Grigg R; McCormack A; Symonds H; Bowmer C

CS Department of Pharmacology, University of Leeds, U.K.

SO Biochemical pharmacology, (1993 Nov 17) Vol. 46, No. 10, pp. 1864-6.  
Journal code: 0101032. ISSN: 0006-2952.

CY ENGLAND: United Kingdom

DT (IN VITRO)  
Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)

LA English

FS Priority Journals

EM 199401

ED Entered STN: 1 Feb 1994  
Last Updated on STN: 1 Feb 1994  
Entered Medline: 4 Jan 1994

L9 ANSWER 25 OF 45 MEDLINE on STN

AN 92351725 MEDLINE

DN PubMed ID: 1642105

TI Developmental regulation of lectin-binding patterns in *Paracentrotus lividus* gonads, gametes, and early embryos.

AU Contini A; Falugi C; Fasulo S

CS Dipartimento di Biologia Animale ed Ecologia Marina, Universita, Messina, Italia.

SO Acta histochemica, (1992) Vol. 92, No. 2, pp. 179-89.  
Journal code: 0370320. ISSN: 0065-1281.

CY GERMANY: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 199209  
ED Entered STN: 11 Sep 1992  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 2 Sep 1992

L9 ANSWER 26 OF 45 MEDLINE on STN  
AN 91168726 MEDLINE  
DN PubMed ID: 1981704  
TI Identification of urinary metabolites of cannabidiol in the dog.  
AU Samara E; Bialer M; Harvey D J  
CS Department of Pharmacology, Oxford University, UK.  
NC DA04005 (NIDA)  
SO Drug metabolism and disposition: the biological fate of chemicals,  
(1990 Sep-Oct) Vol. 18, No. 5, pp. 571-9.  
Journal code: 9421550. ISSN: 0090-9556.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
LA English  
FS Priority Journals  
EM 199104  
ED Entered STN: 12 May 1991  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 25 Apr 1991

L9 ANSWER 27 OF 45 MEDLINE on STN  
AN 91160864 MEDLINE  
DN PubMed ID: 2001792  
TI Induction of HL-60 cell differentiation by water-soluble and  
nitrogen-containing conjugates of retinoic acid and retinol.  
AU Janick-Buckner D; Barua A B; Olson J A  
CS Department of Biochemistry and Biophysics, Iowa State University, Ames  
50011.  
NC DK-39733 (NIDDK)  
SO The FASEB journal : official publication of the Federation of American  
Societies for Experimental Biology, (1991 Mar 1) Vol. 5, No. 3,  
pp. 320-5.  
Journal code: 8804484. ISSN: 0892-6638.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
LA English  
FS Priority Journals  
EM 199104  
ED Entered STN: 5 May 1991  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 15 Apr 1991

L9 ANSWER 28 OF 45 MEDLINE on STN  
AN 90344220 MEDLINE  
DN PubMed ID: 1369984  
TI Functional protein-polysaccharide conjugate prepared by controlled  
dry-heating of ovalbumin-dextran mixtures.  
AU Kato A; Sasaki Y; Furuta R; Kobayashi K  
CS Department of Agricultural Chemistry, Faculty of Agriculture, Yamaguchi  
University, Japan.  
SO Agricultural and biological chemistry, (1990 Jan) Vol. 54, No.  
1, pp. 107-12.  
Journal code: 0370452. ISSN: 0002-1369.

CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Biotechnology  
EM 199009  
ED Entered STN: 9 Aug 1995  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 17 Sep 1990

L9 ANSWER 29 OF 45 MEDLINE on STN  
AN 90301664 MEDLINE  
DN PubMed ID: 2362916  
TI Stereochemical characterization of the diastereomers of the phenobarbital N-beta-D-glucose conjugate excreted in human urine.  
AU Soine W H; Soine P J; Mongrain S E; England T M  
CS Department of Medicinal Chemistry, School of Pharmacy, Virginia Commonwealth University, Richmond 23298-0581.  
NC GM34507 (NIGMS)  
SO Pharmaceutical research, (1990 Apr) Vol. 7, No. 4, pp. 402-6.  
Journal code: 8406521. ISSN: 0724-8741.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
LA English  
FS Priority Journals  
EM 199008  
ED Entered STN: 7 Sep 1990  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 8 Aug 1990

L9 ANSWER 30 OF 45 MEDLINE on STN  
AN 90239948 MEDLINE  
DN PubMed ID: 2333714  
TI Identification of glucose conjugates as major urinary metabolites of cannabidiol in the dog.  
AU Samara E; Bialer M; Harvey D J  
CS Department of Pharmacy, Hebrew University of Jerusalem, Israel.  
NC DA04005 (NIDA)  
SO Xenobiotica; the fate of foreign compounds in biological systems, (1990 Feb) Vol. 20, No. 2, pp. 177-83.  
Journal code: 1306665. ISSN: 0049-8254.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
(RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
LA English  
FS Priority Journals  
EM 199006  
ED Entered STN: 6 Jul 1990  
Last Updated on STN: 6 Jul 1990  
Entered Medline: 7 Jun 1990

L9 ANSWER 31 OF 45 MEDLINE on STN  
AN 90213588 MEDLINE  
DN PubMed ID: 2108810  
TI Conjugation of benzo[a]pyrene metabolites by freshwater green alga Selenastrum capricornutum.  
AU Warshawsky D; Keenan T H; Reilman R; Cody T E; Radike M J  
CS Department of Environmental Health, University of Cincinnati Medical Center, OH 45267-0056.  
NC ES-07073 (NIEHS)  
P42 ES 04908 (NIEHS)  
SO Chemico-biological interactions, (1990) Vol. 74, No. 1-2, pp. 93-105.

Journal code: 0227276. ISSN: 0009-2797.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)  
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)  
 LA English  
 FS Priority Journals  
 EM 199005  
 ED Entered STN: 22 Jun 1990  
 Last Updated on STN: 22 Jun 1990  
 Entered Medline: 18 May 1990

L9 ANSWER 32 OF 45 MEDLINE on STN  
 AN 88113443 MEDLINE  
 DN PubMed ID: 3338698  
 TI Microsomal specificity underlying the differing hepatic formation of  
 bilirubin glucuronide and glucose conjugates by rat  
 and dog.  
 AU Sommerer U; Gordon E R; Goresky C A  
 CS McGill University Medical Clinic, Montreal General Hospital, Quebec,  
 Canada.  
 SO Hepatology (Baltimore, Md.), (1988 Jan-Feb) Vol. 8, No. 1, pp.  
 116-24.  
 Journal code: 8302946. ISSN: 0270-9139.

CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 198803  
 ED Entered STN: 8 Mar 1990  
 Last Updated on STN: 8 Mar 1990  
 Entered Medline: 7 Mar 1988

L9 ANSWER 33 OF 45 MEDLINE on STN  
 AN 87321455 MEDLINE  
 DN PubMed ID: 3630205  
 TI Formation of a diazonium cation intermediate in the metabolism of  
 sulphamethazine to desaminosulphamethazine in the rat.  
 AU Paulson G D; Feil V J; MacGregor J T  
 SO Xenobiotica; the fate of foreign compounds in biological systems,  
 (1987 Jun) Vol. 17, No. 6, pp. 697-707.  
 Journal code: 1306665. ISSN: 0049-8254.

CY ENGLAND: United Kingdom  
 DT (IN VITRO)  
 Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198710  
 ED Entered STN: 5 Mar 1990  
 Last Updated on STN: 5 Mar 1990  
 Entered Medline: 22 Oct 1987

L9 ANSWER 34 OF 45 MEDLINE on STN  
 AN 87321450 MEDLINE  
 DN PubMed ID: 3630201  
 TI Disposition and metabolism of indeloxazine hydrochloride, a cerebral  
 activator, in rats.  
 AU Kamimura H; Enjoji Y; Sasaki H; Kawai R; Kaniwa H; Niigata K; Kageyama S  
 SO Xenobiotica; the fate of foreign compounds in biological systems,  
 (1987 Jun) Vol. 17, No. 6, pp. 645-58.  
 Journal code: 1306665. ISSN: 0049-8254.

CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English

FS Priority Journals  
 EM 198710  
 ED Entered STN: 5 Mar 1990  
 Last Updated on STN: 5 Mar 1990  
 Entered Medline: 22 Oct 1987

L9 ANSWER 35 OF 45 MEDLINE on STN  
 AN 87053271 MEDLINE  
 DN PubMed ID: 2877836  
 TI Hopantenic acid beta-glucoside as a new urinary metabolite of calcium hopantenate in dogs.  
 AU Nakano K; Ando H; Sugawara Y; Ohashi M; Harigaya S  
 SO Drug metabolism and disposition: the biological fate of chemicals, (1986 Nov-Dec) Vol. 14, No. 6, pp. 740-5.  
 Journal code: 9421550. ISSN: 0090-9556.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198701  
 ED Entered STN: 2 Mar 1990  
 Last Updated on STN: 6 Feb 1995  
 Entered Medline: 22 Jan 1987

L9 ANSWER 36 OF 45 MEDLINE on STN  
 AN 86191856 MEDLINE  
 DN PubMed ID: 2870889  
 TI Depletion kinetics of 14C-sulfamethazine [4-amino-N-(4, 6-dimethyl-2-pyrimidinyl)benzene[U-14C]sulfonamide] metabolism in swine.  
 AU Mitchell A D; Paulson G D  
 SO Drug metabolism and disposition: the biological fate of chemicals, (1986 Mar-Apr) Vol. 14, No. 2, pp. 161-5.  
 Journal code: 9421550. ISSN: 0090-9556.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198606  
 ED Entered STN: 21 Mar 1990  
 Last Updated on STN: 3 Feb 1997  
 Entered Medline: 12 Jun 1986

L9 ANSWER 37 OF 45 MEDLINE on STN  
 AN 86191855 MEDLINE  
 DN PubMed ID: 2870888  
 TI Steady state kinetics of 14C-sulfamethazine [4-amino-N-(4,6-dimethyl-2-pyrimidinyl)benzene[U-14C]sulfonamide] metabolism in swine.  
 AU Mitchell A D; Paulson G D; Zaylskie R G  
 SO Drug metabolism and disposition: the biological fate of chemicals, (1986 Mar-Apr) Vol. 14, No. 2, pp. 155-60.  
 Journal code: 9421550. ISSN: 0090-9556.  
 CY United States  
 DT (COMPARATIVE STUDY)  
 Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 198606  
 ED Entered STN: 21 Mar 1990  
 Last Updated on STN: 3 Feb 1997  
 Entered Medline: 12 Jun 1986

L9 ANSWER 38 OF 45 MEDLINE on STN  
 AN 86033499 MEDLINE  
 DN PubMed ID: 4055614  
 TI Identification and quantitation of sulfamethazine metabolites by liquid

chromatography and gas chromatography-mass spectrometry.

AU Paulson G D; Mitchell A D; Zaylskie R G  
SO Journal - Association of Official Analytical Chemists, (1985  
Sep-Oct) Vol. 68, No. 5, pp. 1000-6.  
Journal code: 7505559. ISSN: 0004-5756.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 198511  
ED Entered STN: 21 Mar 1990  
Last Updated on STN: 21 Mar 1990  
Entered Medline: 29 Nov 1985

L9 ANSWER 39 OF 45 MEDLINE on STN  
AN 81211661 MEDLINE  
DN PubMed ID: 6113113  
TI The isolation and identification of 14C-sulfamethazine  
(4-amino-n-(4,6-dimethyl-2-pyrimidinyl) [14C]benzenesulfonamide)  
metabolites in the tissues and excreta of swine.  
AU Paulson G D; Giddings J M; Lamoureux C H; Mansager E R; Struble C B  
SO Drug metabolism and disposition: the biological fate of chemicals,  
(1981 Mar-Apr) Vol. 9, No. 2, pp. 142-6.  
Journal code: 9421550. ISSN: 0090-9556.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 198108  
ED Entered STN: 16 Mar 1990  
Last Updated on STN: 6 Feb 1995  
Entered Medline: 10 Aug 1981

L9 ANSWER 40 OF 45 MEDLINE on STN  
AN 81152572 MEDLINE  
DN PubMed ID: 7010517  
TI [Clinical applications of enzyme-immunoassay of rheumatoid factor].  
Applications cliniques du dosage enzymo-immunologique du facteur  
rhumatoïde.  
AU Euller L; Quaranta J F; Ziegler G; Ferrua B; Maiolini R; Masseyeff R  
SO Revue du rhumatisme et des maladies osteo-articulaires, (1980 Oct)  
Vol. 47, No. 10, pp. 545-51.  
Journal code: 0407211. ISSN: 0035-2659.  
CY France  
DT (COMPARATIVE STUDY)  
(ENGLISH ABSTRACT)  
Journal; Article; (JOURNAL ARTICLE)  
LA French  
FS Priority Journals  
EM 198105  
ED Entered STN: 16 Mar 1990  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 21 May 1981

L9 ANSWER 41 OF 45 MEDLINE on STN  
AN 79023846 MEDLINE  
DN PubMed ID: 699482  
TI Distinctive patterns of amobarbital metabolites.  
AU Kalow W; Tang B K; Kadar D; Inaba T  
SO Clinical pharmacology and therapeutics, (1978 Nov) Vol. 24, No.  
5, pp. 576-82.  
Journal code: 0372741. ISSN: 0009-9236.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English

FS Abridged Index Medicus Journals; Priority Journals  
EM 197812  
ED Entered STN: 14 Mar 1990  
Last Updated on STN: 3 Feb 1997  
Entered Medline: 29 Dec 1978

L9 ANSWER 42 OF 45 MEDLINE on STN  
AN 77057096 MEDLINE  
DN PubMed ID: 825819  
TI Xylose, glucose, and glucuronic acid conjugation of bilirubin in the newborn rat.  
AU Vaisman S L; Lee K S; Gartner L M  
SO Pediatric research, (1976 Dec) Vol. 10, No. 12, pp. 967-71.  
Journal code: 0100714. ISSN: 0031-3998.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 197701  
ED Entered STN: 13 Mar 1990  
Last Updated on STN: 13 Mar 1990  
Entered Medline: 28 Jan 1977

L9 ANSWER 43 OF 45 MEDLINE on STN  
AN 76101882 MEDLINE  
DN PubMed ID: 813177  
TI Various bilirubin conjugates in pregnant and nonpregnant rats with and without phenobarbital treatment.  
AU Vaisman S L; Lee K S; Gartner L M  
SO Pediatric research, (1976 Feb) Vol. 10, No. 2, pp. 111-3.  
Journal code: 0100714. ISSN: 0031-3998.  
CY Switzerland  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 197603  
ED Entered STN: 13 Mar 1990  
Last Updated on STN: 13 Mar 1990  
Entered Medline: 30 Mar 1976

L9 ANSWER 44 OF 45 MEDLINE on STN  
AN 72159519 MEDLINE  
DN PubMed ID: 5145903  
TI Excretion in dog bile of glucose and xylose conjugates of bilirubin.  
AU Fevery J; Van Hees G P; Leroy P; Compennolle F; Heirwegh K P  
SO The Biochemical journal, (1971 Dec) Vol. 125, No. 3, pp. 803-10.  
Journal code: 2984726R. ISSN: 0264-6021.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 197206  
ED Entered STN: 10 Mar 1990  
Last Updated on STN: 10 Mar 1990  
Entered Medline: 21 Jun 1972

L9 ANSWER 45 OF 45 MEDLINE on STN  
AN 56006607 MEDLINE  
DN PubMed ID: 13254755  
TI A glucosamine conjugate occurring in human urine.  
AU KING J S Jr; HYDER N  
SO Proceedings of the Society for Experimental Biology and Medicine. Society for Experimental Biology and Medicine (New York, N.Y.), (1955 Jul) Vol. 89, No. 3, pp. 342-5.  
Journal code: 7505892. ISSN: 0037-9727.

DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS OLDMEDLINE; NONMEDLINE  
 OS CLML5629-6607  
 EM 200305  
 ED Entered STN: Feb 2004  
 Last Updated on STN: Feb 2004  
 Entered Medline: 1 May 2003

=> file biosis  
 COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
8.43	355.46

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
0.00	-28.86

CA SUBSCRIBER PRICE

FILE 'BIOSIS' ENTERED AT 17:50:50 ON 09 JUL 2007  
 Copyright (c) 2007 The Thomson Corporation

FILE COVERS 1926 TO DATE.  
 CAS REGISTRY NUMBERS AND CHEMICAL NAMES (CNs) PRESENT  
 FROM JANUARY 1926 TO DATE.

RECORDS LAST ADDED: 4 July 2007 (20070704/ED)

BIOSIS has been augmented with 1.8 million archival records from 1926 through 1968. These records have been re-indexed to match current BIOSIS indexing.

=> s "glucose conjugate" or "deoxyglucose conjugate" or "glucosamine conjugate"

```

344257 "GLUCOSE"
367 "GLUCOSES"
344364 "GLUCOSE"
      ("GLUCOSE" OR "GLUCOSES")
28308 "CONJUGATE"
24079 "CONJUGATES"
45666 "CONJUGATE"
      ("CONJUGATE" OR "CONJUGATES")
114 "GLUCOSE CONJUGATE"
      ("GLUCOSE" (W) "CONJUGATE")
8604 "DEOXYGLUCOSE"
6 "DEOXYGLUCOSES"
8606 "DEOXYGLUCOSE"
      ("DEOXYGLUCOSE" OR "DEOXYGLUCOSES")
28308 "CONJUGATE"
24079 "CONJUGATES"
45666 "CONJUGATE"
      ("CONJUGATE" OR "CONJUGATES")
1 "DEOXYGLUCOSE CONJUGATE"
      ("DEOXYGLUCOSE" (W) "CONJUGATE")
14545 "GLUCOSAMINE"
117 "GLUCOSAMINES"
14605 "GLUCOSAMINE"
      ("GLUCOSAMINE" OR "GLUCOSAMINES")
28308 "CONJUGATE"
24079 "CONJUGATES"
45666 "CONJUGATE"
      ("CONJUGATE" OR "CONJUGATES")
6 "GLUCOSAMINE CONJUGATE"
      ("GLUCOSAMINE" (W) "CONJUGATE")
121 "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMINE
CONJUGATE"
```

L10



=> s l10 and py<=2004  
17077196 PY<=2004  
L11 104 L10 AND PY<=2004

=> d l11 1-104

L11 ANSWER 1 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

AN 2006:158201 BIOSIS

DN PREV200600153661

TI Characterization of beta-glucosidases specific to hydrolysis of  
isoflavonoid glucose conjugates.

AU Paiva, Nancy L. [Reprint Author]; Mei, Chuansheng; Cooper, John D.;  
Jackson, Lisa A.

CS SE Oklahoma State Univ, Dept Phys Sci, Durant, OK 74701 USA  
nlpaiva@alum.mit.edu

SO Abstracts of Papers American Chemical Society, (MAR 28 2004)  
Vol. 227, No. Part 1, pp. U37-U38.

Meeting Info.: 227th National Meeting of the American-Chemical Society.  
Anaheim, CA, USA. March 28 -April 01, 2004. Amer Chem Soc.

CODEN: ACSRAL. ISSN: 0065-7727.

DT Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 9 Mar 2006

Last Updated on STN: 9 Mar 2006

L11 ANSWER 2 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

AN 2005:126012 BIOSIS

DN PREV200500127874

TI Metabolic engineering of the chloroplast genome using the Echerichia coli  
ubiC gene reveals that chorismate - Is a readily abundant plant precursor  
for p-hydroxybenzoic acid biosynthesis.

AU Viitanen, Paul V.; Devine, Andrew L.; Khan, Muhammad Sarwar; Deuel,  
Deborah L.; Van Dyk, Drew E.; Daniell, Henry [Reprint Author]

CS Dept Mol and Microbiol, Univ Cent Florida, Orlando, FL, 32816, USA  
daniell@mail.ucf.edu

SO Plant Physiology (Rockville), (December 2004) Vol. 136, No. 4,  
pp. 4048-4060. print.

ISSN: 0032-0889 (ISSN print).

DT Article

LA English

ED Entered STN: 1 Apr 2005

Last Updated on STN: 1 Apr 2005

L11 ANSWER 3 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

AN 2005:121871 BIOSIS

DN PREV200500125412

TI Metabolism of tolclorfen-methyl in lettuce (Lactuca sativa).

AU Ichise-Shibuya, Keiko [Reprint Author]; Fujisawa, Takuo; Katagi,  
Toshiyuki; Takimoto, Yoshiyuki

CS Environm Hlth Sci Lab, Sumitomo Chem Co Ltd, 2-1 Takatsukasa 4 Chome,  
Takarazuka, Hyogo, 6658555, Japan

SO Journal of Pesticide Science, (2004) Vol. 29, No. 4, pp.  
322-327. print.

ISSN: 1348-589X (ISSN print).

DT Article

LA English

ED Entered STN: 1 Apr 2005

Last Updated on STN: 1 Apr 2005

L11 ANSWER 4 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on

STN

AN 2005:34249 BIOSIS  
 DN PREV200500034869  
 TI Glycosylated dihydrochalcones as potent and selective sodium glucose co-transporter 2 (SGLT2) inhibitors.  
 AU Dudash, Joseph Jr [Reprint Author]; Zhang, Xiaoyan; Zeck, Roxanne E.; Johnson, Sigmond G.; Cox, Geoffrey G.; Conway, Bruce R.; Rybczynski, Philip J.; Demarest, Keith T.  
 CS Johnson and Johnson Pharmaceut Res and Dev LLC, 1000 Rt 202, POB 300, Raritan, NJ, 08869, USA  
 jddudash@prdus.jnj.com  
 SO Bioorganic & Medicinal Chemistry Letters, (October 18 2004) Vol. 14, No. 20, pp. 5121-5125. print.  
 CODEN: BMCLE8. ISSN: 0960-894X.  
 DT Article  
 LA English  
 ED Entered STN: 19 Jan 2005  
 Last Updated on STN: 19 Jan 2005

L11 ANSWER 5 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2004:397157 BIOSIS  
 DN PREV200400395376  
 TI Polyvalent dendrimer glucosamine conjugates prevent scar tissue formation.  
 AU Shaunak, Sunil [Reprint Author]; Thomas, Sharyn; Gianasi, Elisabetta; Godwin, Antony; Jones, Emma; Teo, Ian; Mireskandari, Kamiar; Luthert, Philip; Duncan, Ruth; Patterson, Steve; Khaw, Peng; Brocchini, Steve  
 CS Imperial Coll London Fac Med, Hammersmith Hosp, Ducane Rd, London, W12 0NN, England  
 s.shaunak@imperial.ac.uk  
 SO Nature Biotechnology, (August 2004) Vol. 22, No. 8, pp. 977-984. print.  
 ISSN: 1087-0156 (ISSN print).  
 DT Article  
 LA English  
 ED Entered STN: 13 Oct 2004  
 Last Updated on STN: 13 Oct 2004

L11 ANSWER 6 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2004:384458 BIOSIS  
 DN PREV200400385525  
 TI Synthesis of a glucuronic acid and glucose conjugate library and evaluation of effects-on endothelial cell growth.  
 AU Pitt, Nigel; Duane, Rhona M.; O'Brien, Alan; Bradley, Helena; Wilson, Stephen J.; O'Boyle, Kathy M.; Murphy, Paul V. [Reprint Author]  
 CS Conway Inst Biomol and Biomed Res Dept Pharmacol, Univ Coll Dublin, Dublin, 4, Ireland  
 paul.v.murphy@ucd.ie  
 SO Carbohydrate Research, (August 2 2004) Vol. 339, No. 11, pp. 1873-1887. print.  
 ISSN: 0008-6215 (ISSN print).  
 DT Article  
 LA English  
 ED Entered STN: 29 Sep 2004  
 Last Updated on STN: 29 Sep 2004

L11 ANSWER 7 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2004:302471 BIOSIS  
 DN PREV200400302927  
 TI Metabolism-based herbicide resistance: regulation by safeners.  
 AU Hatzios, Kriton K. [Reprint Author]; Burgos, Nilda  
 CS Univ Arkansas, 1366 W Altheimer Dr, Fayetteville, AR, 72704, USA

nburgos@uark.edu  
 SO Weed Science, (May 2004) Vol. 52, No. 3, pp. 454-467. print.  
 CODEN: WEESA6. ISSN: 0043-1745.  
 DT Article  
 LA English  
 ED Entered STN: 30 Jun 2004  
 Last Updated on STN: 30 Jun 2004

L11 ANSWER 8 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 2004:288224 BIOSIS  
 DN PREV200400286981  
 TI Hydrolysis of flavonoid glycosides in the oral cavity - Contribution by  
 both bacteria and shedded epithelial cells.  
 AU Walle, Thomas [Reprint Author]; Browing, Alyson M; Steed, Lisa L; Reed,  
 Susan G; Walle, U. K  
 CS Dept. of Pharmacology, Medical University of South Carolina, 173 Ashley  
 Avenue, Charleston, SC, 29425, USA  
 wallet@musc.edu  
 SO FASEB Journal, (2004) Vol. 18, No. 4-5, pp. Abst. 592.5.  
 http://www.fasebj.org/. e-file.  
 Meeting Info.: FASEB Meeting on Experimental Biology: Translating the  
 Genome. Washington, District of Columbia, USA. April 17-21, 2004. FASEB.  
 ISSN: 0892-6638 (ISSN print).  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 16 Jun 2004  
 Last Updated on STN: 16 Jun 2004

L11 ANSWER 9 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 2004:239945 BIOSIS  
 DN PREV200400239346  
 TI Sugar conjugates of fulvestrant (ICI 182,780): Efficient general  
 procedures for glycosylation of the fulvestrant core.  
 AU Thompson, Mark J.; Hutchinson, Edward J.; Stratford, Thomas H.; Bowler,  
 Wayne B.; Blackburn, G. Michael [Reprint Author]  
 CS Department of Chemistry, Krebs Institute, University of Sheffield, Brook  
 Hill, Sheffield, S3 7HF, UK  
 g.m.blackburn@shef.ac.uk  
 SO Tetrahedron Letters, (2 February 2004) Vol. 45, No. 6, pp.  
 1207-1210. print.  
 CODEN: TELEAY. ISSN: 0040-4039.  
 DT Article  
 LA English  
 ED Entered STN: 6 May 2004  
 Last Updated on STN: 6 May 2004

L11 ANSWER 10 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 2004:183389 BIOSIS  
 DN PREV200400182821  
 TI Functionalization of OEP-based benzochlorins to develop  
 carbohydrate-conjugated photosensitizers. Attempt to target  
 beta-galactoside-recognized proteins.  
 AU Li, Guolin; Pandey, Suresh K.; Graham, Andrew; Dobhal, Mahabeer P.; Mehta,  
 Ricky; Chen, Yihui; Gryshuk, Amy; Rittenhouse-Olson, Kate; Oseroff, Allan;  
 Pandey, Ravindra K. [Reprint Author]  
 CS Chemistry Division Photodynamic Therapy Center, Roswell Park Cancer  
 Institute, Buffalo, NY, 14263, USA  
 ravindra.pandey@roswellpark.org  
 SO Journal of Organic Chemistry, (January 9 2004) Vol. 69, No. 1,  
 pp. 158-172. print.  
 ISSN: 0022-3263 (ISSN print).

DT Article  
LA English  
ED Entered STN: 7 Apr 2004  
Last Updated on STN: 7 Apr 2004

L11 ANSWER 11 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2004:128226 BIOSIS

DN PREV200400130112

TI Metabolism of 5'alpha,8'-cycloabscisic acid, a highly potent and long-lasting abscisic acid analogue, in radish seedlings.

AU Todoroki, Yasushi [Reprint Author]; Sawada, Masao; Matsumoto, Miyuki; Tsukada, Shigeko; Ueno, Kotomi; Isaka, Masatoshi; Owaki, Mariko; Hirai, Nobuhiro

CS Department of Applied Biological Chemistry, Faculty of Agriculture, Shizuoka University, Shizuoka, 422-8529, Japan  
aytodor@agr.shizuoka.ac.jp

SO Bioorganic & Medicinal Chemistry, (15 January 2004) Vol. 12, No. 2, pp. 363-370. print.  
ISSN: 0968-0896 (ISSN print).

DT Article  
LA English  
ED Entered STN: 3 Mar 2004  
Last Updated on STN: 3 Mar 2004

L11 ANSWER 12 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2003:468034 BIOSIS

DN PREV200300468034

TI Metabolism of fungicide diethofencarb in grape (*Vitis vinifera* L.): Definitive identification of thiolactic acid conjugated metabolites.

AU Fujisawa, Takuo [Reprint Author]; Ichise-Shibuya, Keiko; Katagi, Toshiyuki; Ruzo, Luis O.; Takimoto, Yoshiyuki

CS Environmental Health Science Laboratory, Sumitomo Chemical Co., Ltd., 2-1, Takatsukasa 4-Chome, Takarazuka, 665-8555, Japan  
fujisawatl@sc.sumitomo-chem.co.jp

SO Journal of Agricultural and Food Chemistry, (August 27 2003) Vol. 51, No. 18, pp. 5329-5336. print.  
CODEN: JAFCAU. ISSN: 0021-8561.

DT Article  
LA English  
ED Entered STN: 8 Oct 2003  
Last Updated on STN: 8 Oct 2003

L11 ANSWER 13 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2003:396165 BIOSIS

DN PREV200300396165

TI Formation and vacuolar localization of salicylic acid glucose conjugates in soybean cell suspension cultures.

AU Dean, John V. [Reprint Author]; Shah, Reena P.; Mohammed, Leila A.

CS Department of Biological Sciences, DePaul University, 2325 N. Clifton Ave., Chicago, IL, 60614, USA  
jdean@depaul.edu

SO Physiologia Plantarum, (July 2003) Vol. 118, No. 3, pp. 328-336. print.  
ISSN: 0031-9317 (ISSN print).

DT Article  
LA English  
ED Entered STN: 27 Aug 2003  
Last Updated on STN: 27 Aug 2003

L11 ANSWER 14 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 2003:66346 BIOSIS

DN PREV200300066346  
 TI Alternate energy-dependent pathways for the vacuolar uptake of glucose and glutathione conjugates.  
 AU Bartholomew, Dolores M.; Van Dyk, Drew E.; Lau, Sze-Mei Cindy; O'Keefe, Daniel P.; Rea, Philip A. [Reprint Author]; Viitanen, Paul V.  
 CS Department of Biology, Plant Science Institute, University of Pennsylvania, Philadelphia, PA, 19104-6018, USA  
 pareasas@upenn.edu  
 SO Plant Physiology (Rockville), (November 2002) Vol. 130, No. 3, pp. 1562-1572. print.  
 ISSN: 0032-0889 (ISSN print).  
 DT Article  
 LA English  
 ED Entered STN: 29 Jan 2003  
 Last Updated on STN: 29 Jan 2003

L11 ANSWER 15 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2002:485564 BIOSIS  
 DN PREV200200485564  
 TI Profiling isoflavonoids in legume root extracts using capillary electrophoresis.  
 AU Baggett, Brandi R. [Reprint author]; Cooper, John D.; Paiva, Nancy L.; Smith, Joel T. [Reprint author]  
 CS Department of Physical Sciences, Southeastern Oklahoma State University, 1405 N. 4th Ave., Durant, OK, 74701, USA  
 SO Abstracts of Papers American Chemical Society, (2002) Vol. 223, No. 1-2, pp. CHED 254. print.  
 Meeting Info.: 223rd National Meeting of the American Chemical Society. Orlando, FL, USA. April 07-11, 2002.  
 CODEN: ACSRAL. ISSN: 0065-7727.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 18 Sep 2002  
 Last Updated on STN: 18 Sep 2002

L11 ANSWER 16 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2002:413616 BIOSIS  
 DN PREV200200413616  
 TI Profiling isoflavonoids found in legume root extracts using capillary electrophoresis.  
 AU Baggett, Brandi R.; Cooper, John D.; Hogan, Eric T.; Carper, Jason; Paiva, Nancy L.; Smith, Joel T. [Reprint author]  
 CS Southeastern Oklahoma State University, P.O. Box 4025 - Campus, Durant, OK, 74701-0609, USA  
 tsmith@sosu.edu  
 SO Electrophoresis, (June, 2002) Vol. 23, No. 11, pp. 1642-1651. print.  
 CODEN: ELCTDN. ISSN: 0173-0835.  
 DT Article  
 LA English  
 ED Entered STN: 31 Jul 2002  
 Last Updated on STN: 31 Jul 2002

L11 ANSWER 17 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 2002:382700 BIOSIS  
 DN PREV200200382700  
 TI 4-Hydroxycinnamoyl-CoA hydratase/lyase, an enzyme of phenylpropanoid cleavage from Pseudomonas, causes formation of C6-C1 acid and alcohol glucose conjugates when expressed in hairy roots of Datura stramonium L.  
 AU Mitra, Adinpunya; Mayer, Melinda J.; Mellon, Fred A.; Michael, Anthony J.;

Narbad, Arjan; Parr, Adrian J.; Waldron, Keith W.; Walton, Nicholas J.  
 [Reprint author]  
 CS Food Safety Science Division, Institute of Food Research, Norwich Research  
 Park, Colney, Norwich, NR4 7UA, UK  
 nicholas.walton@bbsrc.ac.uk  
 SO Planta (Berlin), (May, 2002) Vol. 215, No. 1, pp. 79-89. print.  
 CODEN: PLANAB. ISSN: 0032-0935.  
 DT Article  
 LA English  
 ED Entered STN: 10 Jul 2002  
 Last Updated on STN: 29 Aug 2002

L11 ANSWER 18 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 2002:359180 BIOSIS  
 DN PREV200200359180  
 TI Atypical pharmacokinetics and metabolism of mycophenolic acid in a young  
 kidney transplant recipient with impaired renal function.  
 AU Wigger, Marianne; Armstrong, Victor William [Reprint author]; Shipkova,  
 Maria; Wacke, Rainer; Nizze, Horst; Streit, Frank; von Ahsen, Nicolas;  
 Muscheites, Jutta; Glasenapp, Sabine; Stolpe, Hans-Joachim; Oellerich,  
 Michael  
 CS Abteilung Klinische Chemie, Georg-August-Universitaet,  
 Universitaetsklinikum, Robert-Koch-Strasse 40, D-37070, Goettingen,  
 Germany  
 varmstro@med.uni-goettingen.de  
 SO Therapeutic Drug Monitoring, (June, 2002) Vol. 24, No. 3, pp.  
 438-443. print.  
 CODEN: TDMODV. ISSN: 0163-4356.  
 DT Article  
 LA English  
 ED Entered STN: 26 Jun 2002  
 Last Updated on STN: 26 Jun 2002

L11 ANSWER 19 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 2002:249204 BIOSIS  
 DN PREV200200249204  
 TI Identification of fonofos metabolites in *Latuca sativa*, *Beta vulgaris*, and  
*Triticum aestivum* by packed capillary flow fast atom bombardment tandem  
 mass spectrometry.  
 AU Onisko, Bruce C. [Reprint author]; Tambling, Doug R.; Gorder, Greg W.;  
 Diaz, David G.; Ericson, John L.; Prisbylla, Mike P.; Spillner, Chuck J.  
 CS Jealotts Hill Research Centre, Syngenta, Bracknell, Berkshire, RG42 6ET,  
 UK  
 onibid@earthlink.com  
 SO Journal of Agricultural and Food Chemistry, (March 27, 2002)  
 Vol. 50, No. 7, pp. 1922-1928. print.  
 CODEN: JAFCAU. ISSN: 0021-8561.  
 DT Article  
 LA English  
 ED Entered STN: 17 Apr 2002  
 Last Updated on STN: 17 Apr 2002

L11 ANSWER 20 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 2002:160857 BIOSIS  
 DN PREV200200160857  
 TI Herbicide metabolism and tolerance in the transgenic rice plants  
 expressing human CYP2C9 and CYP2C19.  
 AU Inui, Hideyuki [Reprint author]; Shiota, Noriaki [Reprint author]; Ido,  
 Yoshiko [Reprint author]; Inoue, Tomomi [Reprint author]; Hirose, Sakiko;  
 Kawahigashi, Hiroyuki; Ohkawa, Yasunobu; Ohkawa, Hideo [Reprint author]  
 CS Research Center for Environmental Genomics, Kobe University, Nada-ku,  
 Kobe, 657-8501, Japan

SO Pesticide Biochemistry and Physiology, (November, 2001) Vol. 71,  
No. 3, pp. 156-169. print.  
CODEN: PCBPBS. ISSN: 0048-3575.

DT Article  
LA English  
ED Entered STN: 21 Feb 2002  
Last Updated on STN: 26 Feb 2002

L11 ANSWER 21 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

AN 2001:399644 BIOSIS  
DN PREV200100399644  
TI Does excretion of secondary metabolites always involve a measurable  
metabolic cost? Fate of plant antifeedant salicin in common brushtail  
possum, *Trichosurus vulpecula*.  
AU McLean, S.; Pass, G. J.; Foley, W. J. [Reprint author]; Brandon, S.;  
Davies, N. W.  
CS Division of Botany and Zoology, Australian National University, Canberra,  
A.C.T., 0200, Australia  
william.foley@anu.edu.au  
SO Journal of Chemical Ecology, (June, 2001) Vol. 27, No. 6, pp.  
1077-1089. print.  
CODEN: JCECD8. ISSN: 0098-0331.

DT Article  
LA English  
ED Entered STN: 22 Aug 2001  
Last Updated on STN: 22 Feb 2002

L11 ANSWER 22 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

AN 2001:369775 BIOSIS  
DN PREV200100369775  
TI Inactivation of O6-methylguanine-DNA methyltransferase by  
glucose-conjugated inhibitors.  
AU Reinhard, Jost; Eichhorn, Uta; Wiessler, Manfred; Kaina, Bernd [Reprint  
author]  
CS Division of Applied Toxicology, Institute of Toxicology, University of  
Mainz, Obere Zahlbacher Str. 67, D-55131, Mainz, Germany  
Kaina@mail.uni-mainz.de  
SO International Journal of Cancer, (1 August, 2001) Vol. 93, No.  
3, pp. 373-379. print.  
CODEN: IJCNAW. ISSN: 0020-7136.

DT Article  
LA English  
ED Entered STN: 2 Aug 2001  
Last Updated on STN: 19 Feb 2002

L11 ANSWER 23 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

AN 2001:346659 BIOSIS  
DN PREV200100346659  
TI Glucosylation as a mechanism of resistance to thaxtomin A in potatoes.  
AU Acuna, I. A.; Strobel, G. A.; Jacobsen, B. J. [Reprint author]; Corsini,  
D. L.  
CS Department of Plant Sciences and Plant Pathology, Montana State  
University, Bozeman, MT, 59715-3150, USA  
uplbj@montana.edu  
SO Plant Science (Shannon), (June, 2001) Vol. 161, No. 1, pp.  
77-88. print.  
CODEN: PLSCE4. ISSN: 0168-9452.

DT Article  
LA English  
ED Entered STN: 25 Jul 2001  
Last Updated on STN: 19 Feb 2002

L11 ANSWER 24 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2000:266199 BIOSIS  
DN PREV200000266199  
TI Extracellular beta-glucosidase activity in barley involved in the  
hydrolysis of ABA glucose conjugate in leaves.  
AU Dietz, Karl-Josef [Reprint author]; Sauter, Angela; Wichert, Kathrin;  
Messdaghi, David; Hartung, Wolfram  
CS Stoffwechselphysiologie und Biochimie der Pflanzen, Universitaet  
Bielefeld, Universitaetstrasse 25, D-33501, Bielefeld, Germany  
SO Journal of Experimental Botany, (May, 2000) Vol. 51, No. 346,  
pp. 937-944. print.  
CODEN: JEBOA6. ISSN: 0022-0957.  
DT Article  
LA English  
ED Entered STN: 30 Jun 2000  
Last Updated on STN: 5 Jan 2002

L11 ANSWER 25 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2000:226070 BIOSIS  
DN PREV200000226070  
TI Application to a cartilage targeting strategy: Synthesis and in vivo  
biodistribution of 14C-labeled quaternary ammonium-glucosamine  
conjugates.  
AU Giraud, Isabelle; Rapp, Maryse; Maurizis, Jean-Claude; Madelmont,  
Jean-Claude [Reprint author]  
CS INSERM Unite 484, Rue Montalembert, 63005, Clermont-Ferrand Cedex, France  
SO Bioconjugate Chemistry, (March-April, 2000) Vol. 11, No. 2, pp.  
212-218. print.  
CODEN: BCCHE5. ISSN: 1043-1802.  
DT Article  
LA English  
ED Entered STN: 7 Jun 2000  
Last Updated on STN: 5 Jan 2002

L11 ANSWER 26 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2000:196960 BIOSIS  
DN PREV200000196960  
TI Systemically administered D-glucose conjugates of  
7-chlorokynurenic acid are centrally available and exert anticonvulsant  
activity in rodents.  
AU Battaglia, G.; La Russa, M.; Bruno, V.; Arenare, L.; Ippolito, R.; Copani,  
A.; Bonina, F.; Nicoletti, F. [Reprint author]  
CS Pharmacology Section, Department of Pharmaceutical Sciences, University of  
Catania, Viale A. Doria, 6, 95125, Catania, Italy  
SO Brain Research, (March 31, 2000) Vol. 860, No. 1-2, pp. 149-156.  
print.  
CODEN: BRREAP. ISSN: 0006-8993.  
DT Article  
LA English  
ED Entered STN: 17 May 2000  
Last Updated on STN: 4 Jan 2002

L11 ANSWER 27 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2000:176131 BIOSIS  
DN PREV200000176131  
TI Changes in the metabolic elimination profile of testosterone following  
exposure of the crustacean Daphnia magna to tributyltin.  
AU LeBlanc, Gerald A. [Reprint author]; McLachlan, James B.  
CS Department of Toxicology, North Carolina State University, Raleigh, NC,  
27695-7633, USA  
SO Ecotoxicology and Environmental Safety, (March, 2000) Vol. 45,



No. 3, pp. 296-303.. print.  
CODEN: EESADV. ISSN: 0147-6513.

DT Article  
LA English  
ED Entered STN: 3 May 2000  
Last Updated on STN: 4 Jan 2002

L11 ANSWER 28 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 2000:4989 BIOSIS  
DN PREV200000004989  
TI Transport and recognition of aminopeptidase-resistant cellobiose-coupled  
tyrosylglycylglycine by intestinal Na<sup>+</sup>/glucose cotransporter (SGLT1):  
Recognition of sugar conjugates by SGLT1 is much less restricted than  
transport.  
AU Mizuma, Takashi [Reprint author]; Sakai, Norio; Hagi, Katsura; Awazu,  
Shoji  
CS Department of Biopharmaceutics and Drug Rational Research Center, School  
of Pharmacy, Tokyo University of Pharmacy and Life Science (TUPLS), 1432-1  
Horinouchi, Hachioji, Tokyo, 192-0392, Japan  
SO Biological and Pharmaceutical Bulletin, (Aug., 1999) Vol. 22,  
No. 8, pp. 876-879. print.  
ISSN: 0918-6158.  
DT Article  
LA English  
ED Entered STN: 23 Dec 1999  
Last Updated on STN: 31 Dec 2001

L11 ANSWER 29 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1999:434998 BIOSIS  
DN PREV199900434998  
TI Salicylic acid induces resistance to Alternaria solani in hydroponically  
grown tomato.  
AU Spletzer, Matthew E.; Enyedi, Alexander J. [Reprint author]  
CS Department of Biological Sciences, Western Michigan University, 3927 Wood  
Hall, Kalamazoo, MI, 49008-3899, USA  
SO Phytopathology, (Sept., 1999) Vol. 89, No. 9, pp. 722-727.  
print.  
CODEN: PHYTAJ. ISSN: 0031-949X.  
DT Article  
LA English  
ED Entered STN: 18 Oct 1999  
Last Updated on STN: 18 Oct 1999

L11 ANSWER 30 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1999:242620 BIOSIS  
DN PREV199900242620  
TI Identification of glucoside and carboxyl-linked glucuronide conjugates of  
mycophenolic acid in plasma of transplant recipients treated with  
mycophenolate mofetil.  
AU Shipkova, Maria [Reprint author]; Armstrong, Victor William; Wieland,  
Eberhard; Niedmann, Paul Dieter; Schuetz, Ekkehard; Brenner-Weiss, Gerald;  
Voihsel, Martin; Braun, Felix; Oellerich, Michael  
CS Abteilung Klinische Chemie, Georg-August-Universitaet, Goettingen, Germany  
SO British Journal of Pharmacology, (March, 1999) Vol. 126, No. 5,  
pp. 1075-1082. print.  
CODEN: BJPCBM. ISSN: 0007-1188.  
DT Article  
LA English  
ED Entered STN: 17 Jun 1999  
Last Updated on STN: 17 Jun 1999

L11 ANSWER 31 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on

STN

AN 1999:93415 BIOSIS  
DN PREV199900093415  
TI Intestinal absorption of acyclovir beta-glucoside: Comparative study with acyclovir, guanosine, and kinetinc beta-glucoside.  
AU Mizuma, Takashi; Masubuchi, Satoshi; Awazu, Shoji [Reprint author]  
CS Dep. Biopharmaceutics Drug Rational Res. Center, Sch. Pharmacy Life Sci., 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan  
SO Pharmaceutical Research (New York), (Jan., 1999) Vol. 16, No. 1, pp. 69-73. print.  
CODEN: PHREEB. ISSN: 0724-8741.  
DT Article  
LA English  
ED Entered STN: 1 Mar 1999  
Last Updated on STN: 1 Mar 1999

L11 ANSWER 32 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:485200 BIOSIS  
DN PREV199800485200  
TI Factors that cause the beta-anomeric preference of Na<sup>+</sup>/glucose cotransporter for intestinal transport of monosaccharide conjugates.  
AU Mizuma, Takashi; Nagamine, Yasuo; Dobashi, Akira; Awazu, Shoji [Reprint author]  
CS Dep. Biopharm., Sch. Pharm., Tokyo Univ. Pharm. Life Sci., 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan  
SO Biochimica et Biophysica Acta, (Aug. 24, 1998) Vol. 1381, No. 3, pp. 340-346. print.  
CODEN: BBACAQ. ISSN: 0006-3002.  
DT Article  
LA English  
ED Entered STN: 5 Nov 1998  
Last Updated on STN: 5 Nov 1998

L11 ANSWER 33 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:344286 BIOSIS  
DN PREV199800344286  
TI Intestinal metabolism and transport of alpha-disaccharide conjugates: The role of disaccharidase in the Na<sup>+</sup>/glucose cotransporter-mediated transport.  
AU Mizuma, T.; Awazu, S. [Reprint author]  
CS Dep. Biopharm., Sch. Pharmacy, Tokyo Univ. Pharmacy Life Sci., 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan  
SO Research Communications in Molecular Pathology and Pharmacology, (April, 1998) Vol. 100, No. 1, pp. 43-52. print.  
ISSN: 1078-0297.  
DT Article  
LA English  
ED Entered STN: 13 Aug 1998  
Last Updated on STN: 10 Sep 1998

L11 ANSWER 34 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:134682 BIOSIS  
DN PREV199800134682  
TI Fate of (14C)diphenylamine in stored apples.  
AU Kim-Kang, Heasook [Reprint author]; Robinson, Robert A.; Wu, Jinn  
CS XenoBiotic Laboratories Inc., 107 Morgan Lane, Plainsboro, NJ 08536, USA  
SO Journal of Agricultural and Food Chemistry, (Feb., 1998) Vol. 46, No. 2, pp. 707-717. print.  
CODEN: JAFCAU. ISSN: 0021-8561.  
DT Article  
LA English  
ED Entered STN: 20 Mar 1998

Last Updated on STN: 20 Mar 1998

L11 ANSWER 35 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:122965 BIOSIS

DN PREV199800122965

TI Intestinal Na<sup>+</sup>/glucose cotransporter-mediated transport of glucose conjugate formed from disaccharide conjugate.

AU Mizuma, Takashi; Awazu, Shoji [Reprint author]

CS Dep. Biopharm., Sch. Pharm., Tokyo Univ. Pharm. Life Sci., 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan

SO Biochimica et Biophysica Acta, (Jan. 8, 1998) Vol. 1379, No. 1, pp. 1-6. print.

CODEN: BBACAQ. ISSN: 0006-3002.

DT Article

LA English

ED Entered STN: 5 Mar 1998

Last Updated on STN: 5 Mar 1998

L11 ANSWER 36 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:52559 BIOSIS

DN PREV199800052559

TI Cellulase-catalyzed transglucosylation of acetaminophen and acyclovir: Preparative enzymatic synthesis of beta-glucose conjugate.

AU Mizuma, Takashi; Masubuchi, Satoshi; Awazu, Shoji [Reprint author]

CS Dep. Biopharm., Tokyo Univ. Pharm. Life Sci., 1432-1 Horinouchi, Hachioji, Tokyo 192-03, Japan

SO Pharmaceutical Research (New York), (Nov., 1997) Vol. 14, No. 11, pp. 1647-1650. print.

CODEN: PHREEB. ISSN: 0724-8741.

DT Article

LA English

ED Entered STN: 27 Jan 1998

Last Updated on STN: 20 Mar 1998

L11 ANSWER 37 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:51786 BIOSIS

DN PREV199800051786

TI Method for the determination of imazamox and its two hydroxy and glucose conjugate metabolites in Adzuki beans by capillary electrophoresis.

AU Ohba, Kaori [Reprint author]; Minoura, Masaaki; Safarpour, Maximilian M.; Picard, Gerald L.; Safarpour, Hudan

CS Tahara Agric. Cent., Cyanamid Ltd., 16-1 Kamigaya, Mutsure, Tahara, Atsumi-gun, Aichi 441-34, Japan

SO Journal of Pesticide Science, (1997) Vol. 22, No. 4, pp. 277-281. print.

CODEN: NNGADV. ISSN: 0385-1559.

DT Article

LA English

ED Entered STN: 27 Jan 1998

Last Updated on STN: 27 Jan 1998

L11 ANSWER 38 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1998:42209 BIOSIS

DN PREV199800042209

TI Relative bioavailability of the antioxidant flavonoid quercetin from various foods in man.

AU Hollmann, Peter C. H. [Reprint author]; Van Trijp, John M. P.; Buysman, Michael N. C. P.; V D Gaag, Martijn S.; Mengelers, Marcel J. B.; De Vries, Jeanne H. M.; Katan, Martijn B.

CS DLO-State Inst. Quality Control Agric. Products, Bornsesteeg 45, 6708 PD Wageneingen, Netherlands

SO FEBS Letters, (Nov. 24, 1997) Vol. 418, No. 1-2, pp. 152-156. print.  
CODEN: FEBLAL. ISSN: 0014-5793.

DT Article

LA English

ED Entered STN: 27 Jan 1998  
Last Updated on STN: 20 Mar 1998

L11 ANSWER 39 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1997:28928 BIOSIS

DN PREV199799328131

TI Microwave-assisted extraction coupled with liquid chromatography/electrospray ionization mass spectrometry for the simplified determination of imidazolinone herbicides and their metabolites in plant tissue.

AU Stout, Steven J. [Reprint author]; Dacunha, Adrian R.; Picard, Gerald L.; Safarpour, Maximilian M.

CS Agric. Products Res. Div., American Cyanamid Company, P.O. Box 400, Princeton, NJ 08543-0400, USA

SO Journal of Agricultural and Food Chemistry, (1996) Vol. 44, No. 11, pp. 3548-3553.  
CODEN: JAFCAU. ISSN: 0021-8561.

DT Article

LA English

ED Entered STN: 15 Jan 1997  
Last Updated on STN: 23 Jan 1997

L11 ANSWER 40 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1996:541630 BIOSIS

DN PREV199699263986

TI Determination of metsulfuron methyl and its two metabolites in crops by liquid chromatography with ultraviolet detection.

AU Zhou, Min [Reprint author]; Li, Gui-Yun; Whalen, Stephanie A.

CS E. I. du Pont Nemours Co., Agric. Products Exp. Station, Wilmington, DE 19880-0402, USA

SO Journal of AOAC International, (1994) Vol. 77, No. 6, pp. 1654-1659.  
ISSN: 1060-3271.

DT Article

LA English

ED Entered STN: 10 Dec 1996  
Last Updated on STN: 23 Jan 1997

L11 ANSWER 41 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1996:521174 BIOSIS

DN PREV199699243530

TI Metabolism of 14C-sulphadimethoxane in swine.

AU Adams, P. E.; Feil, V. J. [Reprint author]; Paulson, G. D.

CS US Dep. Agric., Agric. Res. Serv., Biosci. Res. Lab., Fargo, ND 58105, USA

SO Xenobiotica, (1996) Vol. 26, No. 9, pp. 921-933.  
CODEN: XENOBH. ISSN: 0049-8254.

DT Article

LA English

ED Entered STN: 22 Nov 1996  
Last Updated on STN: 22 Nov 1996

L11 ANSWER 42 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1996:341155 BIOSIS

DN PREV199699063511

TI Reductions in steroid hormone biotransformation/elimination as a biomarker of pentachlorophenol chronic toxicity.  
 AU Parks, Louise G.; Le Blanc, Gerald A. [Reprint author]  
 CS Dep. Toxicol., North Carolina University, Box 7633, Raleigh, NC 27695-7633, USA  
 SO Aquatic Toxicology (Amsterdam), (1996) Vol. 34, No. 4, pp. 291-303.  
 CODEN: AQTOGD. ISSN: 0166-445X.  
 DT Article  
 LA English  
 ED Entered STN: 26 Jul 1996  
 Last Updated on STN: 26 Sep 1996

L11 ANSWER 43 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 1996:282228 BIOSIS  
 DN PREV199699004584  
 TI Initial oxidative and subsequent conjugative metabolites produced during the metabolism of phenanthrene by fungi.  
 AU Casillas, R. P.; Crow., S. A., Jr.; Heinze, T. M.; Deck, J.; Cerniglia, C. E. [Reprint author]  
 CS Natl. Cent. Toxicological Res., Food Drug Adm., Jefferson, AR 72079, USA  
 SO Journal of Industrial Microbiology, (1996) Vol. 16, No. 4, pp. 205-215.  
 CODEN: JIMIE7. ISSN: 0169-4146.  
 DT Article  
 LA English  
 ED Entered STN: 25 Jun 1996  
 Last Updated on STN: 25 Jun 1996

L11 ANSWER 44 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 1996:163153 BIOSIS  
 DN PREV199698735288  
 TI Stimulation of Ca-2+-dependent membrane currents in Xenopus oocytes by microinjection of pyrimidine nucleotide-glucose conjugates.  
 AU Kim, Hak Yong; Thomas, David; Hanley, Michael R. [Reprint author]  
 CS Department Biological Chemistry, School Medicine, University California, Davis, CA 95616-8635, USA  
 SO Molecular Pharmacology, (1996) Vol. 49, No. 2, pp. 360-364.  
 CODEN: MOPMA3. ISSN: 0026-895X.  
 DT Article  
 LA English  
 ED Entered STN: 11 Apr 1996  
 Last Updated on STN: 10 Jun 1997

L11 ANSWER 45 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 1996:30646 BIOSIS  
 DN PREV199698602781  
 TI Absorption, translocation, and metabolism of imazethapyr in common ragweed (*Ambrosia artemisiifolia*) and giant ragweed (*Ambrosia trifida*).  
 AU Ballard, Thomas O.; Foley, Michael E.; Bauman, Thomas T.  
 CS Dep. Bot. Plant Pathol., Purdue Univ., West Lafayette, IN 47907, USA  
 SO Weed Science, (1995) Vol. 43, No. 4, pp. 572-577.  
 CODEN: WEESA6. ISSN: 0043-1745.  
 DT Article  
 LA English  
 ED Entered STN: 26 Jan 1996  
 Last Updated on STN: 27 Jan 1996

L11 ANSWER 46 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
 AN 1995:344197 BIOSIS

DN PREV199598358497  
TI Metabolism of the Fusarium Mycotoxins Zearalenone and Deoxynivalenol by  
Yeast Strains of Technological Relevance.  
AU Boeswald, Christoph; Engelhardt, Gabriele; Voegl, Herbert; Wallnoefer,  
Peter R. [Reprint author]  
CS Bayerische Landesanstalt Emaehrung, Abteilung Emaehrung, Menzingerstr. 54,  
80638 Muenchen, Germany  
SO Natural Toxins, (1995) Vol. 3, No. 3, pp. 138-144.  
ISSN: 1056-9014.  
DT Article  
LA English  
ED Entered STN: 10 Aug 1995  
Last Updated on STN: 10 Aug 1995

L11 ANSWER 47 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1995:307549 BIOSIS  
DN PREV199598321849  
TI Physiological and biochemical perturbations in Daphnia magna following  
exposure to the model environmental estrogen diethylstilbestrol.  
AU Baldwin, William S.; Milam, David L.; Leblanc, Gerald A. [Reprint author]  
CS Dep. Toxicol., Box 7633, North Carolina State Univ., Raleigh, NC 27695,  
USA  
SO Environmental Toxicology and Chemistry, (1995) Vol. 14, No. 6,  
pp. 945-952.  
CODEN: ETOCDK. ISSN: 0730-7268.  
DT Article  
LA English  
ED Entered STN: 11 Jul 1995  
Last Updated on STN: 11 Jul 1995

L11 ANSWER 48 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1995:84172 BIOSIS  
DN PREV199598098472  
TI Gibberellin conjugates: An overview.  
AU Schneider, G.; Schliemann, W.  
CS Inst. Plant Biochem., POB 250, D-06018 Halle, Germany  
SO Plant Growth Regulation, (1994) Vol. 15, No. 3, pp. 247-260.  
CODEN: PGRED3. ISSN: 0167-6903.  
DT Article  
General Review; (Literature Review)  
LA English  
ED Entered STN: 22 Feb 1995  
Last Updated on STN: 23 Feb 1995

L11 ANSWER 49 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1995:33480 BIOSIS  
DN PREV199598047780  
TI Microbial transformation of immunosuppressive compounds III. Glucosylation  
of immunomycin (FR 900520) and FK 506 by Bacillus subtilis ATCC 55060.  
AU Petuch, Brian R.; Arison, Byron; Hsu, Annjia; Monaghan, Richard; Dumont,  
Francis J.; Chen, Tom S. [Reprint author]  
CS Fermentation Microbiol., Build. R80Y-205, Merck Research Lab., Rahway, NJ  
07065, USA  
SO Journal of Industrial Microbiology, (1994) Vol. 13, No. 2, pp.  
131-135.  
CODEN: JIMIE7. ISSN: 0169-4146.  
DT Article  
LA English  
ED Entered STN: 25 Jan 1995  
Last Updated on STN: 26 Jan 1995

L11 ANSWER 50 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on

STN

AN 1994:403218 BIOSIS  
 DN PREV199497416218  
 TI In vivo biotransformation of testosterone by phase I and II detoxication enzymes and their modulation by 20-hydroxyecdysone in *Daphnia magna*.  
 AU Baldwin, William S.; Leblanc, Gerald A. [Reprint author]  
 CS North Carolina State Univ., Dep. Toxicol., Box 7633, Raleigh, NC 27695, USA  
 SO Aquatic Toxicology (Amsterdam), (1994) Vol. 29, No. 1-2, pp. 103-117.  
 CODEN: AQTODG. ISSN: 0166-445X.

DT Article  
 LA English  
 ED Entered STN: 23 Sep 1994  
 Last Updated on STN: 24 Sep 1994

L11 ANSWER 51 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1994:207043 BIOSIS  
 DN PREV199497220043  
 TI Novel carbohydrate conjugates as potential prodrugs of acyclovir.  
 AU Chamberlain, S. D. [Reprint author]; Moorman, A. R.; Burnette, T. C.; De Miranda, P.; Krinitsky, T. A.  
 CS Wellcome Res. Lab., Research Triangle Park, NC 27709, USA  
 SO Antiviral Chemistry and Chemotherapy, (1994) Vol. 5, No. 2, pp. 64-73.  
 CODEN: ACCHEH. ISSN: 0956-3202.

DT Article  
 LA English  
 ED Entered STN: 10 May 1994  
 Last Updated on STN: 11 May 1994

L11 ANSWER 52 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1994:57819 BIOSIS  
 DN PREV199497070819  
 TI Absorption of N-4-D-glucopyranosylsulphamethazine by rat everted intestinal sacs.  
 AU Wang, Yi; Grigg, Ronald; McCormack, Ann; Symonds, Herbert; Bowmer, Christopher [Reprint author]  
 CS Dep. Pharmacol., Worsley Med. Dental Build., Univ. Leeds, Leeds LS2 9JT, UK  
 SO Biochemical Pharmacology, (1993) Vol. 46, No. 10, pp. 1864-1866.  
 CODEN: BCPA6. ISSN: 0006-2952.

DT Article  
 LA English  
 ED Entered STN: 9 Feb 1994  
 Last Updated on STN: 9 Feb 1994

L11 ANSWER 53 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1993:483059 BIOSIS  
 DN PREV199396116659  
 TI Enzymatic hydrolysis of 4-O and 6-O-indolo-3-ylacetyl-beta-D-glucose in plant tissues.  
 AU Jakubowska, Anna; Kowalczyk, Stanislaw; Leznicki, Antoni J.  
 CS Copernicus Univ., Inst. Biol., Dep. Biochem., ul. Gagarina 7, 87-100 Torun, Poland  
 SO Journal of Plant Physiology, (1993) Vol. 142, No. 1, pp. 61-66.  
 CODEN: JPPHEY. ISSN: 0176-1617.

DT Article  
 LA English  
 ED Entered STN: 22 Oct 1993  
 Last Updated on STN: 23 Oct 1993

L11 ANSWER 54 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1993:414608 BIOSIS  
 DN PREV199396080333  
 TI Cytokinin affects nitrate reductase expression through the modulation of  
 polyadenylation of the nitrate reductase mRNA transcript.  
 AU Suty, Lydie [Reprint author]; Moureaux, Therese; Leydecker, Marie-Therese;  
 Teyssendier De La Serve, Bernard  
 CS Lab. Phytopharm., INRA, BV 1540, 21034 Dijon Cedex, France  
 SO Plant Science (Limerick), (1993) Vol. 90, No. 1, pp. 11-19.  
 CODEN: PLSCE4. ISSN: 0168-9452.  
 DT Article  
 Errata  
 LA English  
 ED Entered STN: 8 Sep 1993  
 Last Updated on STN: 9 Sep 1993

L11 ANSWER 55 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1993:191134 BIOSIS  
 DN PREV199395101584  
 TI Gibberellins in Gramineae.  
 AU Schliemann, W.; Schneider, G.  
 CS Inst. Plant Biochem. Halle, P.O. Box 250, D-O-4010 Halle, Saale, Germany  
 SO Plant Growth Regulation, (1993) Vol. 12, No. 1-2, pp. 91-98.  
 CODEN: PGRED3. ISSN: 0167-6903.  
 DT Article  
 LA English  
 ED Entered STN: 9 Apr 1993  
 Last Updated on STN: 10 Apr 1993

L11 ANSWER 56 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1993:191128 BIOSIS  
 DN PREV199395101578  
 TI Transport and metabolism of indole-3-butyric acid in cuttings of  
 Leucadendron discolor.  
 AU Epstein, E.; Ackerman, A.  
 CS Inst. Horti., Dep. Ornamental Hortic., Agric. Res. Organization, The  
 Volcani Cent., Bet Dagan 50250, Israel  
 SO Plant Growth Regulation, (1993) Vol. 12, No. 1-2, pp. 17-22.  
 CODEN: PGRED3. ISSN: 0167-6903.  
 DT Article  
 Errata  
 LA English  
 ED Entered STN: 9 Apr 1993  
 Last Updated on STN: 9 Jun 1993

L11 ANSWER 57 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1992:450453 BIOSIS  
 DN PREV199294091853; BA94:91853  
 TI RAPID METABOLIC INACTIVATION IS THE BASIS FOR CROSS-RESISTANCE TO  
 CHLORSULFURON IN DICLOFOP-METHYL-RESISTANT RIGID RYEGRASS LOLIUM-RIGIDUM  
 BIOTYPE SR4-84.  
 AU COTTERMAN J C [Reprint author]; SAARI L L  
 CS EI DU PONT DE NEMOURS COMPANY, AGRIC PRODUCTS, NEWARK, DELAWARE 19714, USA  
 SO Pesticide Biochemistry and Physiology, (1992) Vol. 43, No. 3,  
 pp. 182-192.  
 CODEN: PCBPBS. ISSN: 0048-3575.  
 DT Article  
 FS BA  
 LA ENGLISH  
 ED Entered STN: 7 Oct 1992  
 Last Updated on STN: 8 Oct 1992



L11 ANSWER 58 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1991:273920 BIOSIS  
 DN PREV199192006535; BA92:6535  
 TI INDUCTION OF HL-60 CELL DIFFERENTIATION BY WATER-SOLUBLE AND  
 NITROGEN-CONTAINING CONJUGATES OF RETINOIC ACID AND RETINOL.  
 AU JANICK-BUCKNER D [Reprint author]; BARUA A B; OLSON J A  
 CS DEP BIOCHEMISTRY BIOPHYSICS, IOWA STATE UNIVERSITY, AMES, IOWA 50011, USA  
 SO FASEB Journal, (1991) Vol. 5, No. 3, pp. 320-325.  
 CODEN: FAJOEC. ISSN: 0892-6638.  
 DT Article  
 FS BA  
 LA ENGLISH  
 ED Entered STN: 13 Jun 1991  
 Last Updated on STN: 14 Jun 1991

L11 ANSWER 59 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1991:254062 BIOSIS  
 DN PREV199191134617; BA91:134617  
 TI METABOLISM OF THE HERBICIDE METRIBUZIN BY AN N GLUCOSYLTRANSFERASE FROM  
 TOMATO CELL CULTURES.  
 AU DAVIS D G [Reprint author]; OLSON P A; SWANSON H R; FREAR D S  
 CS BIOSCI RES LAB, AGRIC RES SERV, US DEP AGRIC, STATE UNIVERSITY STATION,  
 FARGO, ND 58105, USA  
 SO Plant Science (Shannon), (1991) Vol. 74, No. 1, pp. 73-80.  
 CODEN: PLSCE4. ISSN: 0168-9452.  
 DT Article  
 FS BA  
 LA ENGLISH  
 ED Entered STN: 25 May 1991  
 Last Updated on STN: 25 May 1991

L11 ANSWER 60 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1991:185786 BIOSIS  
 DN PREV199191100535; BA91:100535  
 TI EFFECTS OF RED AND BLUE LIGHT ON ABSORPTION AND CONJUGATION OF 1 CARBON-14  
 IAA BY POTATO PLANTS IN IN-VITRO CULTURE.  
 AU ALKSENOVA N P [Reprint author]; GOLYANOVSKAYA S A; KONSTANTINOVA T N;  
 SERGEEVA L I; KHEIN KH YA; CHAILAKHYAN M KH  
 CS KA TIMIRYAEV INST PLANT PHYSIOL, ACAD SCI USSR, MOSCOW, USSR  
 SO Fiziologiya Rastenii (Moscow), (1990) Vol. 37, No. 5, pp.  
 981-986.  
 CODEN: FZRSBV. ISSN: 0015-3303.  
 DT Article  
 FS BA  
 LA RUSSIAN  
 ED Entered STN: 19 Apr 1991  
 Last Updated on STN: 19 Apr 1991

L11 ANSWER 61 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1991:67867 BIOSIS  
 DN PREV199191036527; BA91:36527  
 TI THE METABOLISM AND EXCRETION OF CARBOVIR A CARBOCYCLIC NUCLEOSIDE IN THE  
 RAT.  
 AU WALSH J S [Reprint author]; PATANELLA J E; UNGER S E; BROUWER K R; MIWA G  
 T  
 CS DEP DRUG METABOLISM, GLAXO INC, FIVE MOORE DR, RES TRIANGLE PARK, NC  
 27709, USA  
 SO Drug Metabolism and Disposition, (1990) Vol. 18, No. 6, pp.  
 1084-1091.  
 CODEN: DMDSAI. ISSN: 0090-9556.

DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 29 Jan 1991  
Last Updated on STN: 29 Jan 1991

L11 ANSWER 62 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1991:55878 BIOSIS  
DN PREV199191034159; BA91:34159  
TI CHEMICALLY AND BIOLOGICALLY SYNTHESIZED ZEARALENONE 4-BETA-D-  
GLUCOPYRANOSIDE COMPARISON AND CONVENIENT DETERMINATION BY GRADIENT HPLC.  
AU ZILL G [Reprint author]; ZIEGLER W; ENGELHARDT G; WALLNOEFER P R  
CS BAYERISCHE LANDESANSTALT ERNAEHRUNG, MENZINGER STR 54, 8000 MUENCHEN 19,  
FRG  
SO Chemosphere, (1990) Vol. 21, No. 4-5, pp. 435-442.  
CODEN: CMSHAF. ISSN: 0045-6535.

DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 10 Jan 1991  
Last Updated on STN: 7 Mar 1991

L11 ANSWER 63 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1990:521148 BIOSIS  
DN PREV199090138424; BA90:138424  
TI IDENTIFICATION OF URINARY METABOLITES OF CANNABIDIOL IN THE DOG.  
AU SAMARA E [Reprint author]; BIALER M; HARVEY D J  
CS UNIV DEP PHARMACOL, SOUTH PARKS ROAD, OXFORD OX1 3QT, UK  
SO Drug Metabolism and Disposition, (1990) Vol. 18, No. 5, pp.  
571-579.  
CODEN: DMDSAI. ISSN: 0090-9556.

DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 19 Nov 1990  
Last Updated on STN: 9 Jan 1991

L11 ANSWER 64 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1990:315235 BIOSIS  
DN PREV199090034202; BA90:34202  
TI CONJUGATION OF BENZO-A-PYRENE METABOLITES BY FRESHWATER GREEN ALGA  
SELENASTRUM-CAPRICORNUTUM.  
AU WARSHAWSKY D [Reprint author]; KEENAN T H; REILMAN R; CODY T E; RADIKE M J  
CS DEP ENVIRONMENTAL HEALTH, UNIV CINCINNATI MED CENT, 3223 EDEN AVE,  
CINCINNATI, OHIO 45267-0056, USA  
SO Chemico-Biological Interactions, (1990) Vol. 74, No. 1-2, pp.  
93-106.  
CODEN: CBINA8. ISSN: 0009-2797.

DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 10 Jul 1990  
Last Updated on STN: 10 Jul 1990

L11 ANSWER 65 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1990:289375 BIOSIS  
DN PREV199090020221; BA90:20221  
TI STEREOCHEMICAL CHARACTERIZATION OF THE DIASTEREOMERS OF THE PHENOBARBITAL  
N-BETA-D GLUCOSE CONJUGATE EXCRETED IN HUMAN URINE.  
AU SOINE W H [Reprint author]; SOINE P J; MONGRAIN S E; ENGLAND T M  
CS DEP MEDICINAL CHEM, SCH PHARMACY, VIRGINIA COMMONWEALTH UNIV, RICHMOND, VA

23298-0581, USA  
SO Pharmaceutical Research (New York), (1990) Vol. 7, No. 4, pp.  
402-406.  
CODEN: PHREEB. ISSN: 0724-8741.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 23 Jun 1990  
Last Updated on STN: 24 Jun 1990

L11 ANSWER 66 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1990:257959 BIOSIS  
DN PREV199090000045; BA90:45  
TI METABOLISM OF CARBON-14 LABELED QUIZALOFOP-ETHYL IN SOYBEAN AND COTTON  
PLANTS.  
AU KOEPPE M K [Reprint author]; ANDERSON J J; SHALABY L M  
CS AGRIC PRODUCTS DEP; EXP STN, E I PONT NEMOURS COMPANY INC, WILMINGTON,  
DELAWARE 19880-0402, USA  
SO Journal of Agricultural and Food Chemistry, (1990) Vol. 38, No.  
4, pp. 1085-1091.  
CODEN: JAFCAU. ISSN: 0021-8561.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 5 Jun 1990  
Last Updated on STN: 7 Aug 1990

L11 ANSWER 67 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1990:238662 BIOSIS  
DN PREV199089125615; BA89:125615  
TI FUNCTIONAL PROTEIN POLYSACCHARIDE CONJUGATE PREPARED BY CONTROLLED  
DRY-HEATING OF OVALBUMIN DEXTRAN MIXTURES.  
AU KATO A [Reprint author]; SASAKI Y; FURUTA R; KOBAYASHI K  
CS DEP AGRIC CHEM, FAC AGRIC, YAMAGUCHI UNIV, YAMAGUCHI 753, JPN  
SO Agricultural and Biological Chemistry, (1990) Vol. 54, No. 1,  
pp. 107-112.  
CODEN: ABCHA6. ISSN: 0002-1369.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 19 May 1990  
Last Updated on STN: 19 May 1990

L11 ANSWER 68 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1990:158757 BIOSIS  
DN PREV199089086175; BA89:86175  
TI IDENTIFICATION OF GLUCOSE CONJUGATES AS MAJOR URINARY  
METABOLITES OF CANNABIDIOL IN THE DOG.  
AU SAMARA E [Reprint author]; BIALER M; HARVEY D J  
CS UNIV DEP PHARMACOLOGY, SOUTH PARKS ROAD, OXFORD OX1 3QT, UK  
SO Xenobiotica, (1990) Vol. 20, No. 2, pp. 177-184.  
CODEN: XENOBH. ISSN: 0049-8254.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 27 Mar 1990  
Last Updated on STN: 28 Mar 1990

L11 ANSWER 69 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1990:74284 BIOSIS  
DN PREV199089042110; BA89:42110

TI METRIBUZIN METABOLISM BY TOMATO CULTIVARS WITH LOW MEDIUM AND HIGH LEVELS  
 OF TOLERANCE TO METRIBUZIN.  
 AU SMITH A E [Reprint author]; PHATAK S C; EMMATTY D A  
 CS AGRONOMY DEP, UNIV GA, GRIFFIN, GA 30223, USA  
 SO Pesticide Biochemistry and Physiology, (1989) Vol. 35, No. 3,  
 pp. 284-290.  
 CODEN: PCBPBS. ISSN: 0048-3575.  
 DT Article  
 FS BA  
 LA ENGLISH  
 ED Entered STN: 23 Jan 1990  
 Last Updated on STN: 24 Jan 1990

L11 ANSWER 70 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1989:425324 BIOSIS  
 DN PREV198988083582; BA88:83582.  
 TI DIFFERENTIAL BENTAZON METABOLISM AND RETENTION OF BENTAZON METABOLITES BY  
 PLANT CELL CULTURES.  
 AU STERLING T M [Reprint author]; BALKE N E  
 CS DEP ENTOMOL, PLANT PATHOL AND WEED SCI, NEW MEXICO STATE UNIV, BOX  
 30003/DEP 3BE, LAS CRUCES, NM 88003-0003, USA  
 SO Pesticide Biochemistry and Physiology, (1989) Vol. 34, No. 1,  
 pp. 39-48.  
 CODEN: PCBPBS. ISSN: 0048-3575.  
 DT Article  
 FS BA  
 LA ENGLISH  
 ED Entered STN: 19 Sep 1989  
 Last Updated on STN: 23 Sep 1989

L11 ANSWER 71 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1989:24733 BIOSIS  
 DN PREV198987012733; BA87:12733  
 TI HIGH-PERFORMANCE LIQUID CHROMATOGRAPHIC DETERMINATION OF GLUCOSIDES  
 GLUCOSE CONJUGATES WITH POST-COLUMN REACTION DETECTION  
 COMBINING IMMOBILIZED ENZYME REACTORS AND LUMINOL CHEMILUMINESCENCE.  
 AU KOERNER P J JR [Reprint author]; NEIMAN T A  
 CS DEP CHEM, UNIV ILL, 1209 W CALIFORNIA ST, IL 61801, USA  
 SO Journal of Chromatography, (1988) Vol. 449, No. 1, pp. 217-228.  
 DT Article  
 FS BA  
 LA ENGLISH  
 ED Entered STN: 20 Dec 1988  
 Last Updated on STN: 20 Dec 1988

L11 ANSWER 72 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
 STN  
 AN 1988:288755 BIOSIS  
 DN PREV198886017022; BA86:17022  
 TI STUDIES ON THE STRUCTURE OF AMINO ACID-GLUCOSAMINE  
 CONJUGATE ISOLATED FROM BLOOD PLASMA OF RATS WITH GUERIN  
 CARCINOMA.  
 AU GLINSKII G V [Reprint author]; VINNITSKII V B  
 CS RE KAVETSKII INST PROBL ONCOL, ACAD SCI UKR SSR, KIEV, USSR  
 SO Eksperimental'naya Onkologiya, (1987) Vol. 9, No. 5, pp. 78-80.  
 CODEN: EKSODD. ISSN: 0204-3564.  
 DT Article  
 FS BA  
 LA RUSSIAN  
 ED Entered STN: 16 Jun 1988  
 Last Updated on STN: 16 Jun 1988

L11 ANSWER 73 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on

STN  
AN 1988:248217 BIOSIS  
DN PREV198885126619; BA85:126619  
TI BETA GLUCOSIDASE WITH GIBBERELLIN A-8-2-O-GLUCOSIDE HYDROLYZING ACTIVITY FROM PODS OF RUNNER BEANS.  
AU SCHLIEMANN W [Reprint author]  
CS INST PLANT BIOCHEMISTRY, ACAD SCI GDR, 4050 HALLE, E GER  
SO Phytochemistry (Oxford), (1988) Vol. 27, No. 3, pp. 689-692.  
CODEN: PYTCAS. ISSN: 0031-9422.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 16 May 1988  
Last Updated on STN: 16 May 1988

L11 ANSWER 74 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
AN 1988:219976 BIOSIS  
DN PREV198885109211; BA85:109211  
TI MICROSOMAL SPECIFICITY UNDERLYING THE DIFFERING HEPATIC FORMATION OF BILIRUBIN GLUCURONIDE AND GLUCOSE CONJUGATES BY RAT AND DOG.  
AU SOMMERER U [Reprint author]; GORDON E R; GORESKY C A  
CS UNIV MED CLINIC, MONTREAL GENERAL HOSP, 1650 CEDAR AVE, MONTREAL, QUEBEC, CAN H3G 1A4  
SO Hepatology, (1988) Vol. 8, No. 1, pp. 116-124.  
CODEN: HPTLD9. ISSN: 0270-9139.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 4 May 1988  
Last Updated on STN: 4 May 1988

L11 ANSWER 75 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
AN 1988:96279 BIOSIS  
DN PREV198885053051; BA85:53051  
TI FATE AND METABOLISM OF DICHLORPROP IN CEREALS AND FIELD GRASS.  
AU GOEDICKE H-J [Reprint author]; BANASIAK U  
CS INST PLANT PROTECTION RES KLEINMACHNOW OF ACADEMY AGRIC SCI OF GERMAN DEMOCRATIC REPUBLIC, DDR-1532 KLEINMACHNOW  
SO Archives of Environmental Contamination and Toxicology, (1988) Vol. 17, No. 1, pp. 81-86.  
CODEN: AECTCV. ISSN: 0090-4341.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 11 Feb 1988  
Last Updated on STN: 11 Feb 1988

L11 ANSWER 76 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN  
AN 1987:406869 BIOSIS  
DN PREV198784083049; BA84:83049  
TI FORMATION OF A DIAZONIUM CATION INTERMEDIATE IN THE METABOLISM OF SULPHAMETHAZINE TO DESAMINOSULFAMETHAZINE IN THE RAT.  
AU PAULSON G D [Reprint author]; FEIL V J; MACGREGOR J T  
CS METABOLISM AND RADIATION RES LAB, AGRIC RES SERVICE, US DEP AGRIC, FARGO, ND 58105, USA  
SO Xenobiotica, (1987) Vol. 17, No. 6, pp. 696-708.  
CODEN: XENOBH. ISSN: 0049-8254.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 18 Sep 1987

Last Updated on STN: 18 Sep 1987

L11 ANSWER 77 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1987:404261 BIOSIS  
DN PREV198784080441; BA84:80441  
TI DISPOSITION AND METABOLISM OF INDELOXAZINE HYDROCHLORIDE A CEREBRAL  
ACTIVATOR IN RATS.  
AU KAMIMURA H [Reprint author]; ENJOJI Y; SASAKI H; KAWAI R; KANIWA H;  
NIIGATA K; KAGEYAMA S  
CS DRUG METABOLISM DEP, CENTRAL RES LAB, YAMANOUCI PHARMACEUTICAL CO, LTD,  
NO 1-8, AZUSAWA-1-CHOME, ITABASHI-KU, TOKYO 174, JAPAN  
SO Xenobiotica, (1987) Vol. 17, No. 6, pp. 645-658.  
CODEN: XENOBH. ISSN: 0049-8254.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 18 Sep 1987  
Last Updated on STN: 18 Sep 1987

L11 ANSWER 78 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1987:69111 BIOSIS  
DN PREV198783037437; BA83:37437  
TI HOPANTENIC-ACID BETA-GLUCOSIDE AS A NEW URINARY METABOLITE OF CALCIUM  
HOPANTENATE IN DOGS.  
AU NAKANO K [Reprint author]; ANDO H; SUGAWARA Y; OHASHI M; HARIGAYA S  
CS BIOLOGICAL RESEARCH LABORATORY, TANABE SEIYAKU CO LTD, 2-2-50, KAWAGISHI,  
TODA, SAITAMA 335, JAPAN  
SO Drug Metabolism and Disposition, (1986) Vol. 14, No. 6, pp.  
740-745.  
CODEN: DMDSAI. ISSN: 0090-9556.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 24 Jan 1987  
Last Updated on STN: 24 Jan 1987

L11 ANSWER 79 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1987:47323 BIOSIS  
DN PREV198783026669; BA83:26669  
TI DETERMINATION OF PYRIDOXINE BETA-GLUCOSIDE BIOAVAILABILITY USING INTRINSIC  
AND EXTRINSIC LABELING IN THE RAT.  
AU INK S L [Reprint author]; GREGORY J F III; SARTAIN D B  
CS FOOD SCI HUMAN NUTR DEP, UNIV FLA, GAINESVILLE, FLA 32611, USA  
SO Journal of Agricultural and Food Chemistry, (1986) Vol. 34, No.  
5, pp. 857-862.  
CODEN: JAFCAU. ISSN: 0021-8561.  
DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 7 Jan 1987  
Last Updated on STN: 7 Jan 1987

L11 ANSWER 80 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1986:237180 BIOSIS  
DN PREV198682001684; BA82:1684  
TI DEPLETION KINETICS OF CARBON-14 SULFAMETHAZINE 4 AMINO-N-4  
6-DIMETHYL-2-PYRIMIDINYLBENZENE UNIFORMLY CARBON-14-LABELED SULFONAMIDE  
METABOLISM IN SWINE.  
AU MITCHELL A D [Reprint author]; PAULSON G D  
CS METABOLISM AND RADIATION RESEARCH LABORATORY, PO BOX 5674, STATE  
UNIVERSITY STATION, FARGO, ND 58105, USA

SO Drug Metabolism and Disposition, (1986) Vol. 14, No. 2, pp.  
161-165.  
CODEN: DMDSAI. ISSN: 0090-9556.

DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 7 Jun 1986  
Last Updated on STN: 7 Jun 1986

L11 ANSWER 81 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1986:225704 BIOSIS  
DN PREV198681117004; BA81:117004  
TI STEADY STATE KINETICS OF CARBON-14 SULFAMETHAZINE 4 AMINO-N-4  
6-DIMETHYL-2-PYRIMIDINYLBENZENE UNIFORMLY CARBON-14-LABELED SULFONAMIDE  
METABOLISM IN SWINE.  
AU MITCHELL A D [Reprint author]; PAULSON G D; ZAYSKIE R G  
CS METABOLISM AND RADIATION RESEARCH LABORATORY, PO BOX 5674, STATE  
UNIVERSITY STATION, FARGO, ND 58105, USA  
SO Drug Metabolism and Disposition, (1986) Vol. 14, No. 2, pp.  
155-160.  
CODEN: DMDSAI. ISSN: 0090-9556.

DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 28 May 1986  
Last Updated on STN: 28 May 1986

L11 ANSWER 82 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1986:108707 BIOSIS  
DN PREV198681019123; BA81:19123  
TI METABOLISM OF THE SYNTHETIC PYRETHROID FENPROPATHRIN IN PLANTS.  
AU MIKAMI N [Reprint author]; BABA Y; KATAGI T; MIYAMOTO J  
CS LAB BIOCHEMISTRY AND TOXICOLOGY, TAKARAZUKA RESEARCH CENTER, SUMITOMO  
CHEMICAL CO LTD, 4-2-1 TAKATSUKASA, TAKARAZUKA, HYOGO 665, JAPAN  
SO Journal of Agricultural and Food Chemistry, (1985) Vol. 33, No.  
5, pp. 980-987.  
CODEN: JAFCAU. ISSN: 0021-8561.

DT Article  
FS BA  
LA ENGLISH  
ED Entered STN: 25 Apr 1986  
Last Updated on STN: 25 Apr 1986

L11 ANSWER 83 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1985:320534 BIOSIS  
DN PREV198579100530; BA79:100530  
TI METABOLISM IN RATS OF 3 PHENOXYBENZYL ALCOHOL AND 3 PHENOXYBENZOIC-ACID  
GLUCOSIDE CONJUGATES FORMED IN PLANTS.  
AU MIKAMI N [Reprint author]; YOSHIMURA J; KANEKO H; YAMADA H; MIYAMOTO J  
CS LABORATORY OF BIOCHEMISTRY AND TOXICOLOGY, TAKARAZUKA RESEARCH CENTER,  
SUMITOMO CHEMICAL CO LTD, 4-2-1 TAKATSUKASA, TAKARAZUKA, HYOGO 665, JAPAN  
SO Pesticide Science, (1985) Vol. 16, No. 1, pp. 33-45.  
CODEN: PSSCBG. ISSN: 0031-613X.

DT Article  
FS BA  
LA ENGLISH

L11 ANSWER 84 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1985:274573 BIOSIS  
DN PREV198579054569; BA79:54569  
TI A STUDY OF THE ABSORPTION EXCRETION METABOLISM AND RESIDUES IN TISSUES IN

RATS FED CARBON-14-LABELED SULFAMETHAZINE.

AU ZULALIAN J [Reprint author]; STOUT S J; BABCOCK C N; LUCAS L M; MILLER P;  
ORLOSKI E J

CS METAB LAB, AGRIC RES DIV, AMERICAN CYANAMID CO, PRINCETON, NJ 08540, USA

SO Journal of Agricultural and Food Chemistry, (1984) Vol. 32, No. 6, pp. 1434-1440.  
CODEN: JAFCAU. ISSN: 0021-8561.

DT Article

FS BA

LA ENGLISH

L11 ANSWER 85 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

AN 1985:273194 BIOSIS

DN PREV198579053190; BA79:53190

TI METABOLISM OF THE INSECTICIDE BAYTHROID BY CELL SUSPENSION CULTURES.

AU PREISS U [Reprint author]; WAGNER K; OEHLMANN L; ENGELHARDT G; WALLNOEFER  
P

CS BAYERISCHE LANDESANSTALT ERNAEHRUNG, MENZINGER STR 54, D-8000 MUENCHEN 19,  
W GER

SO Chemosphere, (1984) Vol. 13, No. 8, pp. 861-872.  
CODEN: CMSHAF. ISSN: 0045-6535.

DT Article

FS BA

LA ENGLISH

L11 ANSWER 86 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

AN 1984:278073 BIOSIS

DN PREV198478014553; BA78:14553

TI ACIFLUORFEN METABOLISM IN SOYBEAN GLYCINE-MAX CULTIVAR EVANS DI PHENYL  
ETHER BOND CLEAVAGE AND THE FORMATION OF HOMO GLUTATHIONE CYSTEINE AND  
GLUCOSE CONJUGATES.

AU FREAR D S [Reprint author]; SWANSON H R; MANSAGER E R

CS US DEP AGRIC, AGRIC RES SERV, METAB RADIAT RES LAB, FARGO, ND 58105, USA

SO Pesticide Biochemistry and Physiology, (1983) Vol. 20, No. 3,  
pp. 299-310.  
CODEN: PCBPBS. ISSN: 0048-3575.

DT Article

FS BA

LA ENGLISH

L11 ANSWER 87 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

AN 1984:151168 BIOSIS

DN PREV198427067660; BR27:67660

TI THE EFFECT OF SOME SULFONYL UREA METABOLITES ON ACETO LACTATE SYNTHASE.

AU ERBES D L [Reprint author]

CS AGRICULTURAL CHEMICALS DEP, DU PONT EXP STN, WILMINGTON, DEL 19898, USA

SO Plant Physiology (Rockville), (1984) Vol. 75, No. SUPPL. 1, pp. 49.  
Meeting Info.: ANNUAL MEETING OF THE AMERICAN SOCIETY OF PLANT  
PHYSIOLOGISTS, DAVIS, CALIF., USA, AUG. 12-17, 1984. PLANT PHYSIOL.  
CODEN: PLPHAY. ISSN: 0032-0889.

DT Conference; (Meeting)

FS BR

LA ENGLISH

L11 ANSWER 88 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN

AN 1983:225426 BIOSIS

DN PREV198375075426; BA75:75426

TI TIME COURSE OF THE METABOLISM OF ABSCISIC-ACID AND ITS TRANS-TRANS ISOMER  
IN CELL SUSPENSION CULTURES OF LYCOPERSICON-PERUVIANUM.

AU LEHMANN H [Reprint author]; VLASOV P V



CS INST BIOCHEM PFLANZEN AKADEMIE WISSENSCHAFTEN DDR, WEINBERGWEG, DDR-4010  
HALLE SAALE  
SO Biochemie und Physiologie der Pflanzen (BPP), (1982) Vol. 177,  
No. 4-5, pp. 387-394.  
CODEN: BPPFA4. ISSN: 0015-3796.  
DT Article  
FS BA  
LA ENGLISH

L11 ANSWER 89 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1983:217893 BIOSIS  
DN PREV198375067893; BA75:67893  
TI DEVELOPMENT OF 1-O SINAPOYL-BETA-D GLUCOSE L MALATE SINAPOYL TRANSFERASE  
EC-2.3.1.- ACTIVITY IN COTYLEDONS OF RED RADISH RAPHANUS-SATIVUS-VAR-  
SATIVUS.  
AU STRACK D [Reprint author]  
CS BOT INST, UNIV KOELN, GYRHOFSTR 15, D-5000 KOELN 41, W GER  
SO Planta (Heidelberg), (1982) Vol. 155, No. 1, pp. 31-36.  
CODEN: PLANAB. ISSN: 0032-0935.  
DT Article  
FS BA  
LA ENGLISH

L11 ANSWER 90 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1982:278234 BIOSIS  
DN PREV198274050714; BA74:50714  
TI ISOLATION AND IDENTIFICATION OF A POLAR SULFAMETHAZINE METABOLITE FROM  
SWINE TISSUE.  
AU GIERA D D [Reprint author]; ABDULLA R F; OCCOLOWITZ J L; DORMAN D E; MERTZ  
J L; SIECK R F  
CS DEP AGRICULTURAL BIOCHEMISTRY, LILLY RESEARCH LAB, GREENFIELD, INDIANA  
46140, USA  
SO Journal of Agricultural and Food Chemistry, (1982) Vol. 30, No.  
2, pp. 260-263.  
CODEN: JAFCAU. ISSN: 0021-8561.  
DT Article  
FS BA  
LA ENGLISH

L11 ANSWER 91 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1981:264284 BIOSIS  
DN PREV198172049268; BA72:49268  
TI ISOLATION AND IDENTIFICATION OF CARBON-14 LABELED SULFAMETHAZINE CARBON-14  
LABELED 4 AMINO-N-4 6-DIMETHYL-2-PYRIMIDINYL BENZENESULFONAMIDE  
METABOLITES IN THE TISSUE AND EXCRETA OF SWINE.  
AU PAULSON G D [Reprint author]; GIDDINGS J M; LAMOUREUX C H; MANSAGER E R;  
STRUBLE C B  
CS METABOLISM AND RADIATION RES LAB, STATE UNIV STATION, FARGO, N D 58105,  
USA  
SO Drug Metabolism and Disposition, (1981) Vol. 9, No. 2, pp.  
142-146.  
CODEN: DMDSAI. ISSN: 0090-9556.  
DT Article  
FS BA  
LA ENGLISH

L11 ANSWER 92 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1980:289729 BIOSIS  
DN PREV198070082225; BA70:82225  
TI IN-VITRO RUMEN METABOLISM OF CARBON-14 LABELED OXAMYL AND SELECTED  
METABOLITES OF OXAMYL.

AU BELASCO I J [Reprint author]; HARVEY J JR  
CS E I DUPONT DE NEMOURS CO INC, BIOCHEM DEP, EXP STN, WILMINGTON, DEL 19898,  
USA  
SO Journal of Agricultural and Food Chemistry, (1980) Vol. 28, No. 4,  
pp. 689-692.  
CODEN: JAFCAU. ISSN: 0021-8561.  
DT Article  
FS BA  
LA ENGLISH

L11 ANSWER 93 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1980:268007 BIOSIS  
DN PREV198070060503; BA70:60503  
TI ENDOGENOUS HORMONES IN AFTER RIPENING WILD OAT AVENA-FATUA SEED.  
AU TAYLOR J S [Reprint author]; SIMPSON G M  
CS DEP BIOL, UNIV CALGARY, CALGARY, ALBERTA T2N 1N4, CAN  
SO Canadian Journal of Botany, (1980) Vol. 58, No. 9, pp.  
1016-1024.  
CODEN: CJBOAW. ISSN: 0008-4026.  
DT Article  
FS BA  
LA ENGLISH

L11 ANSWER 94 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1980:262098 BIOSIS  
DN PREV198070054594; BA70:54594  
TI DE TOXIFICATION OF JOJOBA MEAL.  
AU VERBISCAR A J [Reprint author]; BANIGAN T F; WEBER C W; REID B L; TREI J  
E; NELSON E A; RAFFAUF R F; KOSERSKY D  
CS ANVER BIOSCI DESIGN INC, SIERRA MADRE, CALIF 91024, USA  
SO Journal of Agricultural and Food Chemistry, (1980) Vol. 28, No.  
3, pp. 571-578.  
CODEN: JAFCAU. ISSN: 0021-8561.  
DT Article  
FS BA  
LA ENGLISH

L11 ANSWER 95 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1979:176292 BIOSIS  
DN PREV197967056292; BA67:56292  
TI DISTINCTIVE PATTERNS OF AMO BARBITAL METABOLITES.  
AU KALOW W [Reprint author]; TANG B K; KADAR D; INABA T  
CS DEP PHARMACOL, COLL MED, UNIV TORONTO, TORONTO, ONT M5S 1A8, CAN  
SO Clinical Pharmacology and Therapeutics, (1978) Vol. 24, No. 5,  
pp. 576-582.  
CODEN: CLPTAT. ISSN: 0009-9236.  
DT Article  
FS BA  
LA ENGLISH

L11 ANSWER 96 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1979:150859 BIOSIS  
DN PREV197967030859; BA67:30859  
TI THE METABOLISM OF THE HERBICIDE DIPHENAMID N-N DI METHYL-2 2-DIPHENYL  
ACETAMIDE IN CELL SUSPENSIONS OF SOYBEAN GLYCINE-MAX.  
AU DAVIS D G [Reprint author]; HODGSON R H; DUSBABEK K E; HOFFER B L  
CS METAB RADIAT RES LAB, US SCI EDUC ADM, FARGO, ND 58102, USA  
SO Physiologia Plantarum, (1978) Vol. 44, No. 2, pp. 87-91.  
CODEN: PHPLAI. ISSN: 0031-9317.  
DT Article  
FS BA

LA ENGLISH

L11 ANSWER 97 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1978:131328 BIOSIS

DN PREV197865018328; BA65:18328

TI METABOLISM OF CYTROLANE SYSTEMIC INSECTICIDE MEPHOSFOLAN PROPYLENE DI ETHOXYPHOSPHINYL DI THIO IMIDO CARBONATE IN COTTON PLANTS.

AU ZULALIAN J [Reprint author]; BLINN R C

CS METAB LAB, AGRIC DIV, AM CYANAMID CO, PRINCETON, NJ 08540, USA

SO Journal of Agricultural and Food Chemistry, (1977) Vol. 25, No. 5, pp. 1033-1039.

CODEN: JAFCAU. ISSN: 0021-8561.

DT Article

FS BA

LA ENGLISH

L11 ANSWER 98 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1977:242628 BIOSIS

DN PREV197764064992; BA64:64992

TI METABOLISM AND DISTRIBUTION OF CYCLOHEXANECARBOXYLIC-ACID A PLANT GROWTH STIMULANT IN BUSH BEAN.

AU PADMANABHAN U; WORT D J

SO Plant Physiology (Rockville), (1977) Vol. 60, No. 1, pp. 22-25.

CODEN: PLPHAY. ISSN: 0032-0889.

DT Article

FS BA

LA Unavailable

L11 ANSWER 99 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1977:144665 BIOSIS

DN PREV197763039529; BA63:39529

TI XYLOSE GLUCOSE AND GLUCURONIC-ACID CONJUGATION OF BILIRUBIN IN THE NEW BORN RAT.

AU VAISMAN S L; LEE K-S; GARTNER L M

SO Pediatric Research, (1976) Vol. 10, No. 12, pp. 967-971.

CODEN: PEREBL. ISSN: 0031-3998.

DT Article

FS BA

LA Unavailable

L11 ANSWER 100 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1977:68423 BIOSIS

DN PREV197713068423; BR13:68423

TI SYNTHESIS OF O-BETA-D GLUCO PYRANOSYL GIBBERELLIN O-BETA-D GLUCO PYRANOSYL ESTERS.

AU SCHNEIDER G; MIERSCH O; LIEBISCH H-W

SO Tetrahedron Letters, (1977) Vol. 5, pp. 405-406.

CODEN: TELEAY. ISSN: 0040-4039.

DT Article

FS BR

LA Unavailable

L11 ANSWER 101 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN

AN 1975:68337 BIOSIS

DN PREV197511068337; BR11:68337

TI PREPARATION OF N ACETYL GLUCOSAMINE DERIVATIVES OF PROTEINS.

AU MOCZAR E; LEBOUL J

SO Febs Letters, (1975) Vol. 50, No. 3, pp. 300-302.

CODEN: FEBLAL. ISSN: 0014-5793.

DT Article

FS BR  
LA Unavailable

L11 ANSWER 102 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1973:233028 BIOSIS  
DN PREV197356062993; BA56:62993  
TI INFLUENCE OF TEMPERATURE ON ABSORPTION TRANSLOCATION AND METABOLISM OF  
PYRAZON IN SUGAR BEETS.  
AU KOREN E; ASHTON F M  
SO Weed Science, (1973) Vol. 21, No. 3, pp. 241-245.  
CODEN: WEESA6. ISSN: 0043-1745.  
DT Article  
FS BA  
LA Unavailable

L11 ANSWER 103 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1968:68670 BIOSIS  
DN PREV19684900068672; BA49:68672  
TI Antigenic relationships in atopy I. Immunoprecipitation of different  
atopic allergens and synthetic model compounds with antisera to human  
dandruff allergen.  
AU BERRENS, L.  
CS Acad. Hosp., Utrecht, Neth.  
SO ACAT ALLERGOL, (1967) Vol. 22, No. 5, pp. 331-346.  
DT Article  
FS BA  
LA Unavailable  
ED Entered STN: May 2007  
Last Updated on STN: May 2007

L11 ANSWER 104 OF 104 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on  
STN  
AN 1956:7473 BIOSIS  
DN PREV19563000007485; BA30:7485  
TI A glucosamine conjugate occurring in human urine.  
AU KING, J. STANTON; HYDER, NELTA  
CS Res. Dept., S. E. Massengill Co., Bristol, Tenn.  
SO PROC SOC EXPTL BIOL AND MED, (1955) Vol. 89, No. 3, pp. 342-345.  
DT Article  
FS BA  
LA Unavailable  
ED Entered STN: May 2007  
Last Updated on STN: May 2007

=> d his

(FILE 'HOME' ENTERED AT 17:36:13 ON 09 JUL 2007)

FILE 'CAPLUS' ENTERED AT 17:36:18 ON 09 JUL 2007

L1 224 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE"  
L2 174 S L1.AND PY<=2003  
L3 1 S L2 AND 2-DEOXYGLUCOSE  
L4 0 S L2 AND (PHOTODYNAMIC OR PHOTSENSITIVE).  
L5 5 S L2 AND (DIAGNOSTIC OR DIAGNOSIS)  
L6 47 S "GLUCOSAMINE CONJUGATE"  
L7 32 S L6 AND PY<=2003

FILE 'STNGUIDE' ENTERED AT 17:40:47 ON 09 JUL 2007

FILE 'CAPLUS' ENTERED AT 17:45:07 ON 09 JUL 2007

FILE 'MEDLINE' ENTERED AT 17:49:55 ON 09 JUL 2007

L8 69 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMI  
L9 45 S L8 AND PY<=2003

FILE 'BIOSIS' ENTERED AT 17:50:50 ON 09 JUL 2007

L10 121 S "GLUCOSE CONJUGATE" OR "DEOXYGLUCOSE CONJUGATE" OR "GLUCOSAMI  
L11 104 S L10 AND PY<=2004

=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	194.18	549.64
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-28.86

STN INTERNATIONAL LOGOFF AT 17:51:56 ON 09 JUL 2007